

Use these links to rapidly review the document

[TABLE OF CONTENTS](#)

[INDEX TO FINANCIAL STATEMENTS](#)

AS FILED WITH THE SECURITIES AND EXCHANGE COMMISSION ON FEBRUARY 7, 2003

REGISTRATION NO. 333-

SECURITIES AND EXCHANGE COMMISSION

WASHINGTON, D.C. 20549

FORM S-4

REGISTRATION STATEMENT
UNDER
THE SECURITIES ACT OF 1933

BALL CORPORATION

(Exact Name of Registrant as Specified in its Charter)

INDIANA
(State or Other Jurisdiction of
Incorporation or Organization)

3411
(Primary Standard Industrial
Classification Code Number)

35-0160610
(I.R.S. Employer
Identification Number)

10 Longs Peak Drive
P.O. Box 5000
Broomfield, Colorado 80021-2501
(303) 469-3131

(Address, Including Zip Code, and Telephone Number, Including
Area Code, of Registrant's Principal Executive Offices)

SEE TABLE OF ADDITIONAL REGISTRANTS

Donald C. Lewis, Esq.
Ball Corporation
10 Longs Peak Drive
P.O. Box 5000
Broomfield, Colorado 80021-2510
(303) 469-3131

(Name, Address, Including Zip Code, and Telephone Number, Including Area Code, of Agent For Service)

COPIES OF ALL COMMUNICATIONS TO:
Brian W. Duwe, Esq.
Skadden, Arps, Slate, Meagher & Flom (Illinois)
333 West Wacker Drive
Suite 2100
Chicago, Illinois 60606

Approximate date of commencement of proposed sale to the public: As soon as practicable after this Registration Statement becomes effective. If the securities being registered on this form are being offered in connection with the formation of a holding company and there is compliance with General Instruction G, check the following box:

If this form is filed to register additional securities for an offering pursuant to Rule 462(b) under the Securities Act, check the following box and list the Securities Act registration statement number of the earlier effective registration statement for the same offering:

If this form is a post-effective amendment filed pursuant to Rule 462(d) under the Securities Act, check the following box and list the Securities Act registration statement number of the earlier effective registration statement for the same offering:

CALCULATION OF REGISTRATION FEE

Title of Each Class of Securities To Be Registered	Amount to be Registered	Proposed Maximum Aggregate Offering Price Per Unit(1)	Proposed Maximum Aggregate Offering Price(1)	Amount of Registration Fee
6 ⁷ / ₈ % Senior Notes due 2012	\$300,000,000	100%	\$300,000,000	\$27,600
Guarantees of the 6 ⁷ / ₈ % Senior Notes due 2012	—	—	—	—(2)

(1) Estimated pursuant to Rule 457(f) solely for the purpose of calculating the registration fee.

(2) Pursuant to Rule 457(n), no separate fee is payable with respect to the guarantees of the notes being registered.

The co-registrants hereby amend this registration statement on such date or dates as may be necessary to delay its effective date until the co-registrants shall file a further amendment that specifically states that this registration statement shall thereafter become effective in accordance with section 8(a) of the Securities Act of 1933, as amended, or until the registration statement shall become effective on such date as the Commission, acting pursuant to said section 8(a), may determine.

Exact Name of Additional Registrants	Jurisdiction of Incorporation	Primary Standard Industrial Classification Code Number	I.R.S. Employer Identification Number
Ball Aerospace & Technologies Corp.*	Delaware	3812	84-1315001
Ball Metal Beverage Container Corp.*	Colorado	3411	84-1326644
Ball Metal Food Container Corp.*	Delaware	3411	22-2414869
Ball Metal Packaging Sales Corp.*	Colorado	6719	84-1326641
Ball Packaging Corp.*	Colorado	6719	84-1326640
Ball Pan-European Holdings, Inc. 14270 Ramona Avenue Chino, California 91710 (909) 517-2700	Delaware	6719	33-1022314
Ball Plastic Container Corp.*	Colorado	3085	84-1326643
Ball Technologies Holdings Corp.*	Colorado	6719	84-1220333
BG Holdings I, Inc.*	Delaware	9999	35-1960867
BG Holdings II, Inc.*	Delaware	9999	35-1960866
Efratom Holding, Inc.*	Colorado	6719	31-1421208
Latas de Aluminio Ball, Inc. 9300 West 108th Circle Broomfield, Colorado 80021-3682 (303) 469-5511	Delaware	3221	54-1088943

* Address and telephone number of principal executive offices are the same as those of Ball Corporation.

Subject to Completion, dated February 7, 2003

The information in this prospectus is not complete and may be changed. We may not sell these notes until the registration statement filed with the Securities and Exchange Commission is effective. This prospectus is not an offer to sell these notes and it is not soliciting an offer to buy these notes in any state where the offer or sale is not permitted.

PROSPECTUS



Ball Corporation

\$300,000,000

**EXCHANGE OFFER FOR
6⁷/₈% Senior Notes due 2012**

Ball Corporation is offering to exchange an aggregate principal amount of up to \$300,000,000 of its new 6⁷/₈% Senior Notes due 2012, the new notes, for a like amount of its old 6⁷/₈% Senior Notes due 2012, the old notes. The form and terms of the new notes will be identical in all material respects to the form and terms of the old notes, except that the new notes:

- will have been registered under the Securities Act;
- will not bear restrictive legends restricting their transfer under the Securities Act;
- will not be entitled to the registration rights that apply to the old notes; and
- will not contain provisions relating to liquidated damages in connection with the old notes under circumstances related to the timing of the exchange offer.

The exchange offer expires at 5:00 p.m., New York City time, on _____, 2003, unless we extend it.

The new notes will not be listed on any national securities exchange or the Nasdaq Stock Market.

Each broker-dealer that receives new notes for its own account in exchange for old notes represents that the old notes to be exchanged for the new notes were acquired by it as a result of market-making activities or other trading activities and acknowledges that it will deliver a prospectus meeting the requirements of the Securities Act in connection with any resale of the new notes; however, by so acknowledging and by delivering a prospectus, the participating broker-dealer will not be deemed to admit that it is an "underwriter" within the meaning of the Securities Act. Ball Corporation has agreed that, during the period ending 180 days after the consummation of the exchange offer, subject to extension in limited circumstances, it will use all commercially reasonable efforts to keep the exchange offer registration statement effective and to make this prospectus available to any broker-dealer for use in connection with any such resale. See "Plan of Distribution and Selling Restrictions."

For a discussion of certain factors that should be considered by holders prior to tendering their outstanding notes in the exchange offer, see "Risk Factors" beginning on page 16.

Neither the Securities and Exchange Commission nor any state securities commission has approved or disapproved of these securities or determined if this prospectus is truthful or complete. Any representation to the contrary is a criminal offense.

The date of this prospectus is _____, 2003.

This prospectus incorporates by reference documents that contain important business and financial information about Ball that is not included in or delivered with this prospectus. These documents are available without charge to holders of the notes upon written or oral request to Ball Corporation, 10 Longs Peak Drive, P.O. Box 5000, Broomfield, Colorado, 80021-2510, Attention: Scott C. Morrison, Vice President and Treasurer, telephone number (303) 469-3131. To obtain timely delivery, note holders must request the information no later than five business days before the expiration date. The expiration date is _____, 2003.

TABLE OF CONTENTS

Market Data	ii
Presentation of Financial and Other Information	ii
Forward-Looking Statements	ii
Summary	1
Risk Factors	16
The Transactions	29
Use of Proceeds	31
Capitalization	32
Unaudited Pro Forma Condensed Combined Financial Data	33
Selected Financial Data—Ball	46
Selected Financial Data—Schmalbach—Lubeca Beverage Cans	47
Management's Discussion and Analysis of Financial Condition and Results of Operations	49
Industry	62
Business	63
Management	76
Voting Securities and Principal Shareholders	79
Description of Other Indebtedness	81
The Exchange Offer	92
Description of New Notes	103
Material U.S. Federal Tax Consequences	146
Material ERISA Considerations	147
Plan of Distribution and Selling Restrictions	149
Legal Matters	150
Experts	150
Incorporation of Certain Information by Reference	151
Where You Can Find More Information	151
Index to Financial Statements	F-1

This communication is directed solely at persons who (i) are outside the United Kingdom, (ii) have professional experience in matters relating to investments, or (iii) are persons falling within Article 49(2)(a) to (d) of The Financial Services and Markets Act 2000 (Financial Promotion) Order 2001 (all such persons together are referred to as relevant persons). This communication must not be acted on or relied on by persons who are not relevant persons. Any investment or investment activity to which this communication relates is available only to relevant persons and will be engaged in only with relevant persons.

The distribution of this prospectus and the offer and sale of the new notes may be restricted by law in certain jurisdictions. Persons who come into possession of this prospectus or any of the new notes must inform themselves about and observe any such restrictions. You must comply with all applicable laws and regulations in force in any jurisdiction in which you purchase, offer or sell the new notes or possess or distribute this prospectus and, in connection with any purchase, offer or sale by you

of the new notes, must obtain any consent, approval or permission required under the laws and regulations in force in any jurisdiction to which you are subject or in which you make such purchase, offer or sale.

MARKET DATA

The market data presented herein are based upon estimates by our management, using various third party sources where available. While management believes that such estimates are reasonable and reliable, in certain cases, such estimates cannot be verified by information available from independent sources. Accordingly, no assurance can be given that such market data are accurate in all material respects.

PRESENTATION OF FINANCIAL AND OTHER INFORMATION

Ball reports its financial statements in U.S. dollars and prepares its financial statements in accordance with generally accepted accounting principles in the United States, or US GAAP. In this prospectus, except where otherwise indicated, all references to "\$," "dollars" or "U.S. dollars" are to the lawful currency of the United States, all references to "euro" or "€" are to the common currency of certain participating member countries of the European Union and all references to "pounds," "sterling," "British pounds" or "£" are to the lawful currency of the United Kingdom.

Financial statements and financial and other information concerning Schmalbach–Lubeca Beverage Cans (as described in the introduction to "Unaudited Pro Forma Condensed Combined Financial Data," "Selected Financial Data—Schmalbach–Lubeca Beverage Cans" and "Management's Discussion and Analysis of Financial Condition and Results of Operations") contained or incorporated by reference in this prospectus have been derived from publicly filed annual and interim reports prepared by Schmalbach–Lubeca AG, now known as Schmalbach–Lubeca GmbH, or otherwise provided by Schmalbach–Lubeca AG.

Unless otherwise indicated, the translations of euros into U.S. dollars have been made at \$0.9772 to €1.00 and of British pounds sterling into U.S. dollars have been made at \$1.5548 to £1.00, the noon buying rate in The City of New York for cable transfers in euros and sterling as certified for customs purposes by the Federal Reserve Bank of New York on September 27, 2002. As of February 6, 2003, the noon buying rate in The City of New York was \$1.0828 to €1.00 and \$1.6354 to £1.00.

FORWARD-LOOKING STATEMENTS

We have made or implied certain forward-looking statements in this prospectus and the documents incorporated by reference in this prospectus as well as in other written reports and oral statements. These forward-looking statements represent our goals and actual results or outcomes may differ materially from those expressed or implied. As time passes, the relevance and accuracy of forward-looking statements may change. Some factors that could cause our actual results or outcomes to differ materially from those discussed in the forward-looking statements include, but are not limited to:

- fluctuation in customer growth and demand;
- product introductions;
- insufficient production capacity;
- overcapacity in foreign and domestic metal and plastic container industry production facilities and its impact on pricing and financial results;
- lack of productivity improvements or production cost reductions;

ii

-
- the weather;
 - vegetable and fishing yields;
 - changes in power and natural resource costs;
 - difficulty in obtaining supplies and energy, such as gas and electric power;
 - shortages in and pricing of raw materials;
 - changes in the pricing of our products and services;
 - competition in pricing and the possible decrease in, or loss of, sales resulting therefrom;
 - loss of profitability and plant closures;
 - insufficient or reduced cash flow;
 - changes in transportation costs;
 - the ability to obtain adequate credit resources for foreseeable financing requirements of our businesses and to satisfy the resulting credit obligations;
 - regulatory action or federal and state legislation, including restrictive packaging or mandatory deposit laws, or mandated corporate governance and financial reporting laws;
 - the proposed German mandatory deposit law or other restrictive packaging legislation;
 - increases in interest rates;
 - labor strikes;
 - increases in various employee benefits and labor costs;
 - investment performance of our defined benefit pension plans;
 - boycotts;
 - litigation;
 - intellectual property, consumer and other issues;
 - increases in maintenance and capital expenditures;
 - goodwill impairment;
 - changes in generally accepted accounting principles or their interpretation;

- local economic conditions;
- the authorization, funding, technical risk and availability of government contracts and the nature and continuation of those contracts and related services provided thereunder;
- technical uncertainty associated with performance of aerospace segment contracts;
- the ability or inability to pass on to customers changes in raw material costs, particularly resin, steel and aluminum;
- pricing and ability or inability to sell scrap associated with the production of metal containers;
- international business risks, including foreign exchange rates, particularly in developing countries such as China and Brazil, and the hedging activities which attempt to mitigate such risks;
- terrorist activity or war that disrupts our production, supply or pricing of raw materials used in the production of our goods and services and/or disrupts our ability to obtain adequate credit resources for the foreseeable financing requirements of our businesses; and
- successful or unsuccessful acquisitions, joint ventures or divestitures and the integration activities associated therewith.

If we are unable to achieve our goals, then our actual performance could vary materially from the goals we have expressed or implied in these forward-looking statements. Except as required by applicable law, including the securities laws of the United States and the rules and regulations of the Securities and Exchange Commission, or SEC, we undertake no obligation to publicly update or revise any forward-looking statements, whether as a result of new information, future events or otherwise.

iii

SUMMARY

The following summary highlights selected information from this prospectus and may not contain all of the information that is important to you. This prospectus includes the terms of the new notes we are offering, as well as information regarding our business and detailed financial data. We encourage you to read this prospectus in its entirety.

On December 19, 2002, Ball Corporation acquired 100% of the capital stock of Schmalbach-Lubeca GmbH, the second largest manufacturer of metal beverage containers in Europe. The acquisition and related transactions were financed with the proceeds from the offering of the old notes, together with borrowings under the new credit facilities, as described in further detail in this prospectus. See "The Transactions" and "Use of Proceeds."

Except as the context otherwise requires, information in this prospectus assumes the acquisition and related transactions have been consummated. As used in this prospectus, unless otherwise stated, the term (i) "Ball Corporation" refers only to Ball Corporation and not to any of its subsidiaries; (ii) "Ball" refers to Ball Corporation and its subsidiaries prior to the acquisition; (iii) "Schmalbach-Lubeca GmbH" refers to Schmalbach-Lubeca GmbH and its predecessor, Schmalbach-Lubeca AG; (iv) "Schmalbach" refers to Schmalbach-Lubeca GmbH and its subsidiaries as constituted prior to the acquisition, after giving effect to the sale of its polyethylene terephthalate containers, or PET, and White Cap closures businesses and the distribution of the proceeds to its shareholders; (v) "we," "us," "our" and similar terms refer to Ball Corporation and its subsidiaries, including Schmalbach, immediately after giving effect to the acquisition; (vi) the term "you" refers to prospective investors in the new notes; (vii) "old notes" refers to the 6⁷/₈% Senior Notes due 2012 prior to the exchange; (viii) "new notes" refers to the 6⁷/₈% Senior Notes due 2012 offered for exchange pursuant to this prospectus and (ix) "notes" refers collectively to the new notes and the old notes.

Additionally, unless the context otherwise requires, the information, including the unaudited pro forma condensed combined financial data, contained in this prospectus gives pro forma effect to the transactions as of the beginning of the period stated for statement of earnings data and as of the date stated for balance sheet data.

The following summary is qualified in its entirety by, and should be read in conjunction with, the more detailed information, including the financial statements and related notes and the "Risk Factors," included elsewhere in this prospectus.

The Exchange Offer

On December 19, 2002, we privately placed \$300 million of 6⁷/₈% Senior Notes due 2012. The old notes are, and the new notes will be, guaranteed by most of our material domestic subsidiaries.

Simultaneously with the private placement, the subsidiary guarantors and Ball Corporation entered into a registration rights agreement with the initial purchasers of the old notes. Under the registration rights agreement, we must use all commercially reasonable efforts to deliver this prospectus to the holders of the old notes, to file the registration statement on or before March 19, 2003 and to cause such registration statement to become effective on or prior to June 17, 2003. We must use all commercially reasonable efforts to complete the exchange offer on or before 30 business days following the effective date of such registration statement. If the exchange offer does not meet such deadlines, we must pay liquidated damages to the holders of the old notes until such deadlines are met. You may exchange your old notes for new notes with substantially the same terms in this exchange offer. You should read the discussion under the heading "Summary—The New Notes" and "Description of the New Notes" for further information regarding the new notes.

We believe that holders of the old notes may resell the new notes without complying with the registration and prospectus delivery provisions of the Securities Act, if certain conditions are met. You

Company Overview

We are one of the world's leading suppliers of metal and plastic packaging to the beverage and food industry. Our packaging products are used for a wide variety of end markets and we have over 50 manufacturing plants around the world. Our packaging products include:

- aluminum and steel beverage cans for carbonated soft drinks, beer and other beverages, of which we produced approximately 45 billion units in 2001;
- two- and three-piece steel food cans for fruits, vegetables, pet food, processed meats and fish and other foods, of which we produced approximately 5.5 billion units in 2001; and
- PET plastic containers for carbonated soft drinks, water, juice, sports drinks, beer and other beverages, of which we produced approximately 3.5 billion units in 2001.

Through our wholly-owned subsidiary, Ball Aerospace & Technologies Corp., or BATC, we also provide aerospace and other high technology products and services to government and commercial customers. Our pro forma net sales for the year ended December 31, 2001, were approximately \$4,540.8 million, of which beverage cans generated approximately 67%, our other packaging products, including two- and three-piece steel food cans and PET containers, generated approximately 24%, and BATC generated approximately 9%. See "—Summary Historical and Pro Forma Financial Data."

We sell our packaging products to major beverage and food producers, including The Coca-Cola Company and its affiliated bottlers, PepsiCo Inc. and its affiliated bottlers, Miller Brewing Company, Anheuser-Busch Companies, Inc., Coors Brewing Company, N.V. Interbrew Belgium S.A., Heineken B.V., ConAgra Grocery Products Company, Kraft Foods, Inc. and Campbell Soup Company. We believe we have been able to develop long-term customer relationships by providing superior quality and customer service at competitive prices. Our preferred supplier status with our customers is evidenced by our large number of long-term supply contracts, our high customer retention and our numerous customer awards and recognitions. We estimate that in 2002, approximately 70% of our pro forma beverage can sales were made under long-term supply agreements.

Industry

We operate in the packaging industry, which consists of metal, glass, plastic and paper-based products in the form of cans, bottles, cartons, boxes, closures and flexible packages for a variety of end markets, including food and beverage, consumer products, personal care, pharmaceutical and medical, household and foodservice, among others. According to industry sources, the global packaging industry had estimated revenues in excess of \$400 billion in 2001 and had an average annual growth rate in line with worldwide gross domestic product of approximately 3% to 4%. Worldwide shipments of metal beverage cans exceeded 220 billion units in 2001, generating revenues of approximately \$15 billion. The U.S. beverage can market is the largest with more than 100 billion cans shipped in 2001, followed by Europe with approximately 38 billion cans. We expect that global consumption of beverage cans will grow to over 245 billion cans annually in the next five years, implying an average annual growth rate of 2%. While beverage can consumption in the U.S. is expected to grow slightly or remain stable for the next several years, substantial growth is projected in the European beverage can market, fueled by favorable trends in Western Europe and the continued expansion of emerging markets. From 1997 through 2001, beverage can shipments in Southern Europe exhibited annual growth of 5%, growing from 7.9 billion cans in 1997 to 9.5 billion cans in 2001, while the Central and Eastern European markets have grown from 760 million cans in 1995 to 2.4 billion cans in 2001, which represents an

annual compounded growth rate in excess of 20%. Poland is among the fastest growing regions in the European market, with annual growth in excess of 35% from 1997 to 2001.

Acquisition Rationale

Schmalbach is the second largest manufacturer of metal beverage containers in Europe, with operations consisting of 10 can plants and two end plants, a technical center in Bonn, Germany, and an office in Ratingen, Germany, near Düsseldorf. Of the 12 plants, four are located in Germany, four in the United Kingdom, two in France and one each in the Netherlands and Poland. In total, the plants produce about 12 billion containers annually, with 60% being produced from steel and 40% from aluminum. For the year ended December 31, 2001 and the nine months ended September 30, 2002, Schmalbach had net sales of approximately \$854.7 million and \$822.3 million, respectively. The Schmalbach acquisition was an attractive opportunity for several reasons:

- **Strong Presence in Growing European Market**—Schmalbach has a strong presence in the European metal beverage can market, which has experienced steady growth and is the second largest metal beverage can market in the world. Schmalbach's share of the European market was approximately 27% in 2001 and is expected to increase to 31% in 2002 as a result of Schmalbach's acquisition of two plants from Rexam PLC near the end of 2001. Schmalbach sells cans principally in Western Europe, as well as in Poland and other Eastern European markets. The strength of Schmalbach's presence in the various European markets will position us well to take advantage of projected consumption growth in the European market, which is expected to grow approximately 4% to 5% per annum over the next several years.
- **Geographically Balanced Portfolio**—Approximately 95% of Ball's packaging sales in 2001 were derived from North America. As a result of the acquisition, this percentage has been reduced to approximately 75%, significantly improving our geographic diversification. Schmalbach's largest sales region in 2001 was Germany with 35%, followed by France and the Netherlands with 26% combined, the United Kingdom with 25% and Poland with 9%.
- **World-Class Customer Base**—Like Ball, Schmalbach enjoys superior relations with its customers, including widely recognized names such as Coca-Cola, Britvic (Pepsi), Coors, Heineken, Interbrew and South African Breweries. Schmalbach's sales mix is weighted more heavily toward the growing beer can market in Europe, with beer cans accounting for approximately 55% of Schmalbach's sales in 2001 and carbonated soft drink cans accounting for the other 45%.
- **Best Practices Opportunities**—While we are not relying on synergies, we will aggressively pursue those areas where we can leverage the strengths of both organizations. For example, Schmalbach is a world leader in two-piece steel technology, and we intend to capitalize on this leadership to enhance our growing North American metal food can business. There are also opportunities to leverage both organizations in other manufacturing capabilities, research and development, purchasing and management expertise.
- **Global Leadership**—As a result of the acquisition, we are the world's largest manufacturer of metal beverage cans, with the ability to produce over 45 billion cans annually. On a pro forma basis, the acquisition significantly increases Ball's beverage can net sales for the year ended December 31, 2001, from approximately \$2.2 billion to approximately \$3 billion.

- **Attractive Accretion and Returns**—Based on the acquisition purchase price and the current financial performance of Schmalbach, we believe that the transaction will be accretive to Ball's earnings per share in the first year of combined operations and provide us returns on our capital invested in excess of our weighted average cost of capital.

Competitive Strengths

We believe that a number of factors contribute to our position as a premier supplier of packaging products, with multiple sources of earnings and cash flow. These factors include:

- **Significant Presence in Multiple Markets**—We are the largest manufacturer of metal beverage containers in North America, with 2001 production capacity of approximately 33 billion cans, representing approximately 31% of total North American beverage can capacity. As a result of the acquisition, we are the second largest manufacturer of metal beverage containers in Europe, with estimated annual production capacity of approximately 12 billion cans, representing approximately 31% of total European beverage can capacity. Our beverage can capacity in North America is substantially ahead of our next largest competitor in North America. We are also one of the largest beverage can producers in the People's Republic of China, or PRC, in addition to participating in joint ventures in Brazil, Thailand, Taiwan and the Philippines and licensing technology to companies in Mexico, Israel, Venezuela, Korea, Australia and New Zealand.
- **Diversified Sources of Cash Flow**—Ball's operations historically have generated significant cash flow. Ball believes that the addition of Schmalbach provides opportunities to increase earnings and cash flow. Our presence in multiple markets, including metal beverage cans, steel food cans, PET containers and high technology aerospace products, diversifies our available sources of free cash flow.
- **Low Cost Manufacturer with State-of-the-Art Facilities**—We believe that, as a result of our size, superior process technology and manufacturing practices, we are one of the lowest cost metal beverage can producers in North America. Modernization programs at many of our facilities over the past decade have increased productivity, reduced costs and improved product quality. We believe that our expertise in low cost manufacturing can benefit the Schmalbach facilities.
- **Experienced Management**—We are led by an experienced management team with a proven track record of successfully integrating major acquisitions, increasing profitability, expanding our customer base, implementing state-of-the-art manufacturing process technology, improving operating efficiencies, introducing product innovations and entering new markets and businesses. Our top nine senior executives average over 16 years of packaging industry experience and over 17 years with Ball. We expect that our European operations will continue to be managed by the top two executives at Schmalbach, who have an average of over 10 years of packaging industry experience and over five years with Schmalbach.
- **High Quality Products and Service**—We believe that the quality of our products and customer service is among the highest in the industry, as indicated by the number of quality awards we have earned. For example, in 2001 Ball's beverage can business was presented with Miller's "Supplier of the Year" award, which is awarded to only one supplier per year. In addition, all four of Ball's beverage can facilities that supply Anheuser-Busch have earned its elite "Certified Supplier" status, which is based on our level of service and the quality of our systems. Schmalbach's Bierne, France facility received a "Best Quality Supplier" award from Coca-Cola and an "A-Class Supplier" award from Interbrew. Outside of the packaging product line, BATC was awarded Boeing's "Silver Supplier" status and the James S. Cogswell Award for Outstanding Industrial Security Achievement by the Defense Security Service. We continually strive to improve the quality of our products and production processes through rigorous quality systems, comprehensive employee training and tight control of our manufacturing processes.
- **Technological Leadership**—We have extensive experience in improving productivity and designing innovative products. In particular, Ball has successfully increased manufacturing efficiencies and lowered unit costs through internally-developed equipment enhancements. We also have made numerous patented advancements in can and can end manufacturing techniques, in areas

including dome reforming, spin flow necking and electromagnetic bodymaker redraw. We are thereby able to provide cans with innovative shapes and other customized features to our customers at a competitive price. We plan to share the best technology and innovations specific to Ball and Schmalbach to enhance our combined manufacturing operations.

Business Strategy

Over the past several years, Ball has pursued a strategy to: (1) consolidate and grow through acquisitions, strategic alliances or other means in order to improve the competitive positioning and profitability of our existing businesses; (2) rationalize and restructure those businesses which faced overcapacity and/or insufficient levels of profitability and cash flow; and (3) operate our businesses to maximize returns of capital, profitability and cash flow. This strategy has resulted in several acquisitions, including Ball's acquisition of Reynolds Metals Company's North American beverage can business in 1998, which doubled the size of Ball's beverage can operations, joint ventures in its food and beverage container businesses, entry into the PET business and investments of capital to expand and upgrade facilities. It also led to the sale of Ball's glass container operations in 1995 and 1996 and the consolidation of manufacturing facilities in North America and the PRC.

To maintain our status as a premier, low-cost manufacturer of packaging products and expand our world-class niche aerospace business, we will continue to pursue several strategic initiatives, including:

- **Leverage Relationships with Existing Customers**—We have long-term relationships with leading domestic and international beverage and food manufacturers and are continually seeking to expand our business with these customers and their affiliates. These customer relationships are maintained and expanded through our continued delivery of low cost quality products, superior customer service, innovation in design, efficient distribution through the use of strategically located facilities and the supply of products under multi-year supply contracts.
- **Maintain Low Cost Position**—We will continue to pursue opportunities to strengthen our low cost position in the metal beverage can business, as well as opportunities to lower costs in steel food cans and PET containers. Our strategy is to reduce costs and increase operating efficiencies through: (1) investments in productivity-enhancing machinery and equipment; (2) development and implementation of proprietary process technology; (3) reductions in the material content of containers; (4) improved utilization of capacity, equipment and personnel; and (5) purchasing economies of scale.
- **Enhance Technological Leadership**—We will continue to make research and development an important element of our competitive advantage and strategy, both in designing new products and in improving production efficiency and productivity. We plan to continue to work actively with customers to improve existing products

and to design new packaging features. We also intend to leverage our design and engineering capabilities to develop value-added packaging and aerospace products, and to create more cost-effective manufacturing systems and materials that contribute to improvements in quality and operating efficiency.

- **Expand PET Business**—We plan to continue to capitalize on the increasing usage of PET containers for beverage products. Our strategy is to expand our production capacity at existing plants so as to leverage our fixed investment, lower costs and optimize efficiency. We believe our PET products complement our metal beverage containers, giving us the opportunity to capitalize on our strong customer relationships, as well as provide us with a growth vehicle for new customers in the beverage and food industries.
- **Capitalize on BATC's World-Class Capabilities**—We intend to focus on our core strength in the growing defense market, as well as in the commercial space market. Geopolitical events and executive and legislative branch priorities have created considerable growth opportunities in our

5

core competencies. As an example, BATC's expertise in supplying highly specialized optical equipment to fix the Hubble Space Telescope is in demand in areas involving national security.

Recent Developments

On January 29, 2003, we announced 2002 full year and fourth quarter results that were higher than those in the previous year. For the quarter ended December 31, 2002, Ball had net sales and earnings of \$910.2 million and \$28.7 million, respectively, compared to net sales of \$843 million and earnings of \$8.1 million for the quarter ended December 31, 2001. For the year ended December 31, 2002, Ball had net sales of \$3,858.9 million and net earnings of \$156.1 million, compared to net sales of \$3,686.1 million and a net loss of \$(99.2) million for the year ended December 31, 2001. Due to overall market conditions, we were required to make additional contributions of approximately \$37 million to our North American pension plans during the fourth quarter of 2002. Additionally, for certain plans we were required to recognize additional minimum liability adjustments which resulted in an increase in long-term liabilities of \$85.9 million and a reduction of shareholders' equity of \$99.2 million.

6

The Transactions

As used in this prospectus, the "transactions" collectively refer to the acquisition, the offering of the old notes, the repayment of certain existing debt of Ball, the borrowings under the new credit facilities, the consent solicitation and the payment of related fees and expenses, all of which are described more fully below and under "The Transactions," "Use of Proceeds" and "Description of Other Indebtedness." For purposes of this section "The Transactions," amounts converted to U.S. dollars from sterling and euros are converted at the noon buying rate in the City of New York for cable transfers as certified for customs purposes by the Federal Reserve Bank of New York on December 19, 2002.

The Acquisition. On December 19, 2002, Ball Corporation, through an indirect, wholly-owned subsidiary, completed the acquisition of 100% of the capital stock of Schmalbach-Lubeca GmbH for a purchase price, subject to certain adjustments and excluding fees and expenses, of approximately €922.3 million (or \$942.3 million). Schmalbach-Lubeca GmbH is now being operated as an indirect, wholly-owned European subsidiary of Ball Corporation and is a restricted subsidiary under the indenture governing the notes. See "The Transactions" for a more detailed description of the terms and conditions of the acquisition.

The Financings.

The Offering of the Old Notes—The proceeds from the offering of the old notes, together with the proceeds from the new credit facilities described below, were used to finance the transactions.

New Credit Facilities—In connection with the transactions, we entered into new senior secured credit facilities, referred to herein as the new credit facilities, with a syndicate of lenders. The new credit facilities consist of term loan facilities in the amounts of \$350 million, €414 million and £79 million and revolving credit facilities in an aggregate U.S. dollar equivalent amount of \$450 million. See "Description of Other Indebtedness—New Credit Facilities" for a more detailed description of the new credit facilities.

Consent Solicitation. Ball Corporation has successfully completed a solicitation of consents from the holders of its existing \$300 million of 7³/₄% Senior Notes due 2006, or the 2006 notes, and its existing \$250 million of 8¹/₄% Senior Subordinated Notes due 2008, or the 2008 notes, and together with the 2006 notes, the existing notes, in order to amend certain provisions in the indentures governing the existing notes. Ball Corporation, the trustee and the subsidiary guarantors of the existing notes have executed the supplemental indentures, and the amendments have become operative. The amendments will enable Ball Corporation to own and operate the acquired business of Schmalbach in a more tax efficient manner and to enhance our ability to efficiently operate and finance our business as a global company.

7

The Exchange Offer

On December 19, 2002, Ball Corporation issued \$300,000,000 principal amount of 6⁷/₈% Senior Notes due 2012, the old notes to which the exchange offer applies, to a group of initial purchasers in reliance on exemptions from, or in transactions not subject to, the registration requirements of the Securities Act and applicable state securities laws. In connection with the initial purchasers' purchase of the old notes, we agreed to commence the exchange offer following the initial offering of the old notes.

Registration Rights Agreement

We sold the old notes on December 19, 2002 to the initial purchasers—Lehman Brothers, Inc., Deutsche Bank Securities Inc., Banc of America Securities LLC, Banc One Capital Markets, Inc., BNP Paribas Securities Corp., Dresdner Kleinwort Wasserstein- Grantchester, Inc., McDonald Investments Inc., SunTrust Capital Markets, Inc. and Wells Fargo Brokerage Services, LLC. Simultaneously with the sale of the old notes, we entered into a registration rights agreement which provides for the exchange offer.

You may exchange your old notes for new notes, which have substantially identical terms. The exchange offer satisfies your rights under the registration rights agreement. After the exchange offer is over, you will not be entitled to any registration rights with respect to your old notes.

The Exchange Offer

We are offering new 6⁷/₈% Senior Notes due 2012, all of which new notes have been registered under the Securities Act, in exchange for your old notes.

To exchange your old notes, you must properly tender them, and we must accept them. We will exchange all old notes that you validly tender and do not validly withdraw. We will issue registered new notes at or promptly after the consummation of the exchange offer.

Resale of New Notes

We believe that, if you are not a broker-dealer, you may offer for resale, resell or otherwise transfer the new notes without complying with the registration and prospectus delivery requirements of the Securities Act if you:

- acquire the new notes in the ordinary course of your business;
- are not engaged in, do not intend to engage in and have no arrangement or understanding with any person to participate in a distribution of the new notes; and
- are not an "affiliate" of Ball within the meaning of Rule 405 of the Securities Act.

If any of these conditions is not satisfied and you transfer any new notes issued to you in the exchange offer without delivering a proper prospectus or without qualifying for a registration exemption, you may incur liability under the Securities Act. Moreover, our belief that transfers of new notes would be permitted without registration or prospectus delivery under the conditions described above is based on SEC interpretations given to other, unrelated issuers in similar exchange offers. We cannot assure you that the SEC would make a similar

interpretation with respect to our exchange offer. We will not be responsible for or indemnify you against any liability you may incur under the Securities Act.

Any broker-dealer that acquires new notes for its own account in exchange for old notes must represent that the old notes to be exchanged for the new notes were acquired by it as a result of market-making activities or other trading activities and acknowledge that it will deliver a prospectus meeting the requirements of the Securities Act in connection with any offer to resell, resale or other retransfer of the new notes. However, by so acknowledging and by delivering a prospectus, such participating broker-dealer will not be deemed to admit that it is an "underwriter" within the meaning of the Securities Act. During the period ending 180 days after the consummation of the exchange offer, subject to extension in limited circumstances, a participating broker-dealer may use this prospectus for an offer to sell, a resale or other retransfer of new notes received in exchange for old notes which it acquired through market-making activities or other trading activities.

Expiration Date

The exchange offer will expire at 5:00 p.m., New York City time, on _____, 2003, unless we extend the expiration date.

Withdrawal

You may withdraw your tender of old notes under the exchange offer at any time before the exchange offer expires. Any withdrawal must be in accordance with the procedures described in "The Exchange Offer—Withdrawal Rights."

Procedures for Tendering Old Notes

Each holder of old notes that wishes to accept the exchange offer must either:

- complete, sign and date the accompanying letter of transmittal or a facsimile copy of the letter of transmittal, have the signatures on the letter of transmittal guaranteed, if required, and deliver the letter of transmittal, together with any other required documents (including the old notes), to the exchange agent; or
- if old notes are tendered pursuant to book-entry procedures, the tendering holder must deliver a completed and duly executed letter of transmittal or arrange with DTC to cause an agent's message to be transmitted with the required information (including a book-entry confirmation) to the exchange agent; or
- comply with the procedures set forth below under "—Guaranteed Delivery."

Do not send letters of transmittal, certificates representing old notes or other documents to us or DTC. Send these documents only to the exchange agent at the appropriate address given in this prospectus and in the letter of transmittal.

Special Procedures for Tenders by Beneficial Owners of Old Notes

If

- you beneficially own old notes;

- those notes are registered in the name of a broker, dealer, commercial bank, trust company or

other nominee; and

- you wish to tender your old notes in the exchange offer,

please contact the registered holder as soon as possible and instruct it to tender on your behalf and comply with the instructions set forth in this prospectus and the letter of transmittal.

Guaranteed Delivery

If you hold old notes in certificated form or if you own old notes in the form of a book-entry interest in a global note deposited with the trustee, as custodian for DTC, and you wish to tender those old notes but

- your old notes are not immediately available;
- time will not permit you to deliver the required documents to the exchange agent by the expiration date; or
- you cannot complete the procedure for book-entry transfer on time,

you may tender your old notes pursuant to the procedures described in "The Exchange Offer—Procedures for Tendering Old Notes—Guaranteed Delivery."

Consequences of Not Exchanging Old Notes

If you do not tender your old notes or we reject your tender, your old notes will remain outstanding and will be entitled to the benefits of the indenture governing the notes. Under such circumstances, you would not be entitled to any further registration rights under the registration rights agreement, except under limited circumstances. Existing transfer restrictions would continue to apply to the old notes. We could reject your tender of old notes if you tender them in a manner that does not comply with the instructions provided in this prospectus and the accompanying letter of transmittal. See "Risk Factors—Consequences of a Failure to Exchange Old Notes" for further information.

Appraisal or Dissenters' Rights

You do not have any appraisal or dissenters' rights in connection with the exchange offer. See "The Exchange Offer" and "Risk Factors—Consequences of a Failure to Exchange Old Notes."

U.S. Federal Tax Consequences

Your exchange of old notes for new notes will not be treated as a taxable exchange for U.S. federal income tax purposes. See "Material U.S. Federal Tax Consequences."

Conditions to the Exchange Offer

The exchange offer is subject to the conditions that it not violate applicable law or any SEC policy. In addition, the exchange offer is conditioned on the tender of the old notes to us by the holders in accordance with the exchange offer.

Use of Proceeds

We will not receive any proceeds from the exchange offer or the issuance of the new notes. The net proceeds from the issuance of the old notes were used to finance the transactions and for general corporate purposes. See "—The Transactions" and "The Transactions."

Acceptance of Old Notes and Delivery of New Notes

We will accept for exchange any and all old notes properly tendered prior to the expiration of the exchange offer. We will complete the exchange offer and issue the new notes as soon as practicable after the expiration date.

Exchange Agent

The Bank of New York is serving as exchange agent for the exchange offer. The address and telephone number of the exchange agent are provided in this prospectus under "The Exchange Offer—Exchange Agent" and in the letter of transmittal.

The New Notes

The form and terms of the new notes will be identical in all material respects to the form and terms of the old notes, except that the new notes:

- will have been registered under the Securities Act;
- will not bear restrictive legends restricting their transfer under the Securities Act;
- will not be entitled to the registration rights that apply to the old notes; and
- will not contain provisions relating to liquidated damages in connection with the old notes under circumstances related to the timing of the exchange offer.

The new notes represent the same debt as the old notes and are governed by the same indenture, which is governed by New York law.

Issuer

Ball Corporation.

Notes Offered

\$300,000,000 in aggregate principal amount of 6⁷/₈% Senior Notes due 2012.

Maturity Date

December 15, 2012.

Interest Payment Dates

June 15 and December 15 of each year, commencing June 15, 2003.

Guarantees

Ball Corporation's operations are conducted through its subsidiaries. Ball Corporation's obligations under the old notes are, and under the new notes will be, fully and unconditionally guaranteed by certain of Ball Corporation's existing and future material domestic subsidiaries. The old notes are not, and the new notes will not be, guaranteed by any of Ball Corporation's foreign subsidiaries. For the nine months ended September 29, 2002, Ball Corporation and the entities that will guarantee the new notes and that are guarantors of the old notes, generated approximately 71% of our pro forma net sales.

Ranking

The old notes are, and the new notes will be, Ball Corporation's senior unsecured obligations and rank:

- equally in right of payment to all of Ball Corporation's existing and future senior unsecured debt; and
- senior in right of payment to all of Ball Corporation's existing and future debt that expressly provides for its subordination to the notes.

11

The subsidiary guarantee of each subsidiary guarantor under the old notes is, and under the new notes will be, such subsidiary guarantor's senior unsecured obligation and rank:

- equally in right of payment to all of such subsidiary guarantor's existing and future senior unsecured debt; and
- senior in right of payment to all of such subsidiary guarantor's existing and future debt that expressly provides for its subordination to such subsidiary guarantor's subsidiary guarantee.

The old notes are, and the new notes will be, effectively subordinated in right of payment to any secured debt of Ball Corporation and its subsidiaries to the extent of the value of the assets serving as security for such secured debt. The old notes also are, and the new notes will also be, effectively subordinated to all liabilities, including trade payables, of subsidiaries of Ball Corporation that are not subsidiary guarantors.

As of September 29, 2002, on a pro forma basis:

- Ball Corporation and its subsidiaries would have had approximately \$1,982 million principal amount of outstanding debt on a consolidated basis, of which approximately \$1,059.3 million would have been secured, and an additional \$313.2 million would have been available for borrowing on a secured basis under the new credit facilities;
- approximately \$250 million principal amount of Ball Corporation's and the subsidiary guarantors' outstanding debt would have been contractually subordinated to the notes and the subsidiary guarantees of the notes; and
- Ball's subsidiaries that are non-guarantors would have had approximately \$809.7 million in liabilities, excluding intercompany liabilities and the new credit facilities but including trade payables.

See "Description of Other Indebtedness."

Optional Redemption

Before December 15, 2005, we may redeem up to 35% of the original aggregate principal amount of the notes with the net proceeds of certain equity offerings, provided that at least 65% of the original aggregate principal amount of the notes remains outstanding after the redemption.

On or after December 15, 2007, we may redeem some or all of the notes at any time at the redemption prices described in the section "Description of New Notes—Optional Redemption" plus accrued and unpaid interest, if any, to the date of redemption.

Offer to Purchase

If we sell certain assets or experience specific kinds of changes in control, we must offer to purchase the notes at the prices listed in the section "Description of New Notes—Repurchase at the

12

Option of Holders" plus accrued and unpaid interest and liquidated damages, if any, to the date of redemption.

Covenants

We issued the old notes, and will issue the new notes, under an indenture among Ball Corporation, the subsidiary guarantors and the trustee. The indenture, among other things, limits Ball Corporation's and its restricted subsidiaries' ability to:

- incur additional debt and issue preferred stock;
- pay dividends or make other restricted payments;
- make certain investments;

- create liens;
- place restrictions on the ability of certain of our subsidiaries to pay dividends or make other payments to us;
- sell assets;
- merge or consolidate with other entities; and
- enter into transactions with affiliates.

Each of the covenants is subject to a number of important exceptions and qualifications. Certain of these covenants will no longer be applicable if and when the notes are rated Baa3 or better by Moody's and BBB- or better by Standard & Poor's. See "Description of New Notes."

Absence of a Public Market for the New Notes

The old notes are presently eligible for trading through the PORTALSM Market, but the new notes will be new securities for which there is currently no market. Although the initial purchasers have informed us that they intend to make a market in the new notes, they are not obligated to do so, and they may discontinue market-making at any time without notice. We do not intend to apply for a listing of the new notes on any securities exchange. Accordingly, we cannot assure you that a liquid market for the new notes will develop or be maintained.

Risk Factors

Investing in the notes involves a number of material risks. You should consider carefully the information set forth under "Risk Factors" beginning on page 16 before deciding whether to participate in the exchange offer.

Address and Telephone Number

Our principal executive office is located at Ball Corporation, 10 Longs Peak Drive, Broomfield, Colorado 80021-2510 and our telephone number is (303) 469-3131. Our website address is <http://www.ball.com>. Information contained on our website, or on any other website referred to therein, does not constitute part of this prospectus and is not incorporated by reference in this prospectus.

Summary Historical and Pro Forma Financial Data

The summary historical financial data as of and for each of the two years in the period ended December 31, 2001 have been derived from Ball's audited consolidated financial statements included elsewhere in this prospectus. The summary historical financial data as of and for the nine months ended September 29, 2002 have been derived from Ball's unaudited consolidated financial statements included elsewhere in this prospectus. The summary pro forma financial data set forth below have been derived from the Unaudited Pro Forma Condensed Combined Financial Data included elsewhere in this prospectus. The pro forma statement of earnings data and other pro forma data for the year ended December 31, 2001 and the nine months ended September 29, 2002 give effect to the transactions as if they had occurred on January 1, 2001. The pro forma balance sheet data give effect to the transactions as if they had occurred on September 29, 2002.

The information set forth below should be read in conjunction with "Unaudited Pro Forma Condensed Combined Financial Data," "Selected Financial Data—Schmalbach–Lubeca Beverage Cans," "Selected Financial Data—Ball," "Management's Discussion and Analysis of Financial Condition and Results of Operations" and the consolidated or combined financial statements of Ball and Schmalbach–Lubeca Beverage Cans included elsewhere in this prospectus.

	Year Ended December 31,			Nine Months Ended September 29,	
	Historical		Pro Forma 2001	Historical 2002	Pro Forma 2002
	2000	2001			
	(dollars in millions)				
Statement of Earnings Data:					
Net sales	\$ 3,664.7	\$ 3,686.1	\$ 4,540.8	\$ 2,948.7	\$ 3,771.0
Cost of sales(1)	3,067.1	3,142.2	3,818.3	2,475.4	3,071.9
Depreciation and amortization	159.1	152.5	185.2	109.0	140.6
Business consolidation costs and other	76.4	271.2	271.2	—	(4.2)
Selling and administrative	138.9	135.6	197.5	117.0	170.1
Receivable securitization fees and other	14.1	10.0	4.1	2.8	6.2
Earnings (loss) before interest and taxes	209.1	(25.4)	64.5	244.5	386.4
Net earnings (loss)	\$ 68.2	\$ (99.2)	\$ (61.9)	\$ 127.4	\$ 200.8
Basic earnings (loss) per share	\$ 1.13	\$ (1.85)	\$ (1.16)	\$ 2.26	\$ 3.56
Diluted earnings (loss) per share	\$ 1.07	\$ (1.85)(2)	\$ (1.16)(2)	\$ 2.21	\$ 3.49
Other Data:					
Interest expense	\$ 95.2	\$ 88.3	\$ 136.9	\$ 55.1	\$ 99.3
Cash flow from operations	176.5	320.8		251.4	
Book value per share(3)(4)	11.40	8.72	9.53	9.43	

Capital expenditures	98.7	68.5	95.5	87.7	104.8
Ratio of earnings to fixed charges (unaudited)(5)	1.9x	—(6)	0.6x	3.7x	3.5x

	As of September 29, 2002	
	Ball Actual	Pro Forma
Balance Sheet Data:		
Cash and cash equivalents	\$ 58.2	\$ 58.2
Working capital	155.8	86.9
Total assets	2,382.1	3,953.8
Total debt, including current maturities	1,023.0	1,982.0
Shareholders' equity	541.6	536.0

- (1) Excludes depreciation and amortization expense.
- (2) The diluted loss per share for 2001 is the same as the net loss per basic share because the assumed exercise of dilutive securities would have been antidilutive, in effect reducing losses per share.
- (3) Historical book value per share is computed by dividing total stockholders' equity by the number of shares of common stock outstanding at the end of each period.
- (4) The pro forma combined book value per share is computed by dividing pro forma stockholders' equity by the number of shares of common stock outstanding at the end of each period.
- (5) The ratio of earnings to fixed charges is computed by dividing fixed charges into earnings before income taxes and minority interests plus fixed charges. Fixed charges consist of interest expense, amortization of financing costs, the estimated interest component of rent expense and dividends on preferred stock.
- (6) During the year ended December 31, 2001, there was a deficiency of earnings to fixed charges of \$112.8 million.

RISK FACTORS

You should carefully consider the risk factors set forth below as well as the other information contained in this prospectus before making a decision to exchange your old notes in the exchange offer. The risks described below are not the only risks facing us. Additional risks and uncertainties not currently known to us or that we currently deem to be immaterial may also materially and adversely affect our business operations. Any of the following risks could materially and adversely affect our business, financial condition or results of operations.

Risks Associated with the Exchange Offer

Consequences of a Failure to Exchange Old Notes

We did not register the old notes under the Securities Act or any state securities laws, nor do we intend to after the exchange offer. As a result, the old notes may only be transferred in limited circumstances under the securities laws. If you do not exchange your old notes in the exchange offer, you will lose your right to have the old notes registered under the Securities Act, subject to certain limitations. If you continue to hold old notes after the exchange offer, you may be unable to sell the old notes. Old notes that are not tendered or are tendered but not accepted will, following the exchange offer, continue to be subject to existing restrictions.

Lack of Public Market for New Notes

While the old notes are presently eligible for trading in the PORTALSM Market, there is no existing market for the new notes. The initial purchasers of the old notes have advised us that they currently intend to make a market in the new notes following the exchange offer, but they are not obligated to do so, and any market-making may be stopped at any time without notice. We do not intend to apply for a listing of the new notes on any securities exchange. We do not know if an active public market for the new notes will develop or, if developed, will continue. If an active public market does not develop or is not maintained, the market price and liquidity of the new notes may be adversely affected. We cannot make any assurances regarding the liquidity of the market for the new notes, the ability of holders to sell their new notes or the price at which holders may sell their new notes. In addition, the liquidity and the market price of the new notes may be adversely affected by changes in the overall market for securities similar to the new notes, by changes in our financial performance or prospects and by changes in conditions in our industry.

Procedures for Tender of Old Notes

The new notes will be issued in exchange for the old notes only after timely receipt by the exchange agent of the old notes or a book-entry confirmation related thereto, a properly completed and executed letter of transmittal or an agent's message and all other required documentation. If you want to tender your old notes in exchange for new notes, you should allow sufficient time to ensure timely delivery. Neither we nor the exchange agent are under any duty to give you notification of defects or irregularities with respect to tenders of old notes for exchange. Old notes that are not tendered or are tendered but not accepted will, following the exchange offer, continue to be subject to the existing transfer restrictions. In addition, if you tender the old notes in the exchange offer to participate in a distribution of the new notes, you will be required to comply with the registration and prospectus delivery requirements of the Securities Act in connection with any resale transaction. For additional information, please refer to the sections entitled "The Exchange Offer" and "Plan of Distribution and Selling Restrictions" later in this prospectus.

The loss of a key customer could have a significant negative impact on our sales.

While we have diversified our customer base, we do sell a majority of our packaging products to relatively few major beverage and packaged food companies, some of which operate in both North America and Europe. The following table illustrates Ball's 2001 consolidated net sales to its major customers:

Customer	Percentage of 2001 net sales
PepsiCo Inc. and affiliated bottlers	21%
Miller Brewing Company	16%
The Coca-Cola Company and affiliated bottlers	10%
Anheuser-Busch Companies, Inc.	6%
Total	53%

Approximately 55% of Schmalbach's 2001 gross trade sales were generated by ten customers.

Although approximately 70% of our customer contracts are long-term, these contracts are terminable under certain circumstances, such as our failure to meet quality or volume requirements. Because we depend on relatively few major customers, our business, financial condition or results of operations could be adversely affected by the loss of any of these customers, a reduction in the purchasing levels of these customers, a strike or work stoppage by a significant number of these customers' employees or an adverse change in the terms of the supply agreements with these customers.

The primary customers for our aerospace work are U.S. government agencies or their prime contractors. These sales represented approximately 10% of Ball's consolidated 2001 net sales. Our contracts with these customers are subject to, among other things, the following risks:

- unilateral termination for convenience by the customers;
- reduction or modification in the scope of the contracts due to changes in the customer's requirements or budgetary constraints;
- under fixed-price contracts, increased or unexpected costs causing losses or reduced profits; and
- under cost reimbursement contracts, unallowable costs causing losses or reduced profits.

Congressional budget reductions or a failure to increase agency budgets may limit both the funding of our existing government-derived contracts and our ability to obtain new contracts. In addition, our failure to win a long-term contract with a government agency or their prime contractors can effectively prevent us from selling certain items to that customer for an extended period of time.

We face competitive risks from many sources that may negatively impact our profitability.

Competition within the packaging industry is intense. Increases in productivity, combined with surplus capacity in the industry, have maintained competitive pricing pressures. The principal methods of competition in the general packaging industry are price, service and quality. Some of our competitors may have greater financial, technical and marketing resources. Our current or potential competitors may offer products at a lower price or products that are superior to ours. In addition, our competitors may be more effective and efficient in integrating new technologies. Any of the factors listed above may cause price reductions, reduced gross margins and losses of market share for us. We cannot assure you that we will compete successfully.

We cannot assure you that Ball and Schmalbach will be successfully integrated.

If we cannot successfully integrate Schmalbach's operations, we may experience material negative consequences to our business, financial condition or results of operations. The integration of companies that have previously been operated separately involves a number of risks, including, but not limited to:

- demands on management related to the significant increase in our size after the acquisition;
- the diversion of management's attention from the management of daily operations to the integration of operations;
- difficulties in the assimilation and retention of employees;
- difficulties in the assimilation of different cultures and practices, as well as in the assimilation of broad and geographically dispersed personnel and operations;
- the risks of entering markets in which the acquirer has no or limited prior experience;
- difficulties in the integration of departments, systems, including accounting systems, technologies, books and records and procedures, as well as in maintaining uniform standards, controls, including internal accounting controls, procedures and policies; and
- expenses of any undisclosed or potential legal liabilities.

Prior to the acquisition, Ball and Schmalbach operated as separate entities. We may not be able to maintain the levels of revenue, earnings or operating efficiency that Ball or Schmalbach had achieved or might have achieved separately. Successful integration of Schmalbach's operations will depend on our ability to manage those operations, realize opportunities for revenue growth presented by strengthened product offerings and expanded geographic market coverage and, to some degree, to eliminate redundant and excess costs. Because of difficulties in combining geographically distant operations, we may not be able to achieve the benefits that we hope to achieve as a result of the acquisition. The combined financial results of Ball and Schmalbach presented in this prospectus cover periods during which they were not under the same management and, therefore, may not be indicative of our future financial or operating results.

We are subject to competition from alternative products which could result in lower profits and reduced cash flows.

Competition from alternative beverage containers could result in lower profits and reduced cash flows.

The metal beverage can is subject to significant competition from substitute products, particularly plastic soft drink bottles made from PET, single serve beer bottles, and containers made of glass, cardboard or other materials. In addition, there have been several recent developments in plastic beer bottle technology that may enable plastic bottles to better compete against the can. Both the proportion of plastic bottles sold in the U.S. and European soft drink container markets and the proportion of glass bottles sold in the U.S. beer container market grew substantially during the 1990s and the early 2000s. Competition from plastic soft drink bottles is particularly intense in the United States and the United Kingdom. There can be no assurance that we will successfully compete against alternative beverage containers which could result in a reduction in our profits or cash flow.

We have a narrow product range and our business would suffer if usage of our products decreased.

For the year ended December 31, 2001, 67% of our pro forma net sales were from the sale of metal beverage cans, and we expect to derive a significant portion of our future revenues from the sale of metal beverage cans. We sell no PET bottles in Europe. Our business would suffer if the use of metal beverage cans decreased. Accordingly, broad acceptance of aluminum and steel cans for a wide

18

variety of beverages by consumers is critical to our future success. If demand for glass and PET bottles increases relative to cans, or the demand for aluminum and steel cans does not develop as expected, our business, financial condition or results of operations could be materially adversely affected.

Our business, financial condition and results of operations are subject to risks resulting from increased international operations.

We are subject to significantly greater international exposure as a result of the acquisition of Schmalbach than we were prior to the acquisition. On a pro forma basis, we would have derived approximately 25% of our total net sales from outside of North America in the year ended December 31, 2001. The increased scope of international operations may lead to more volatile financial results than can be predicted based upon historical results. The combined businesses would have operations in 10 countries and, as of September 29, 2002, would have employed approximately 8,250 employees in the United States and approximately 4,350 employees in other countries. This may make it more difficult for us to manage our business. Reasons for this include, but are not limited to, the following:

- political and economic instability in foreign markets;
- foreign governments' restrictive trade policies;
- inconsistent product regulation or sudden policy changes by foreign agencies or governments;
- the burden of complying with multiple and potentially conflicting laws;
- the imposition of duties, taxes or government royalties;
- foreign exchange rate risks;
- difficulty in collecting international accounts receivable;
- potentially longer payment cycles;
- increased costs in maintaining international manufacturing and marketing efforts;
- the introduction of non-tariff barriers and higher duty rates;
- difficulties in enforcement of contractual obligations and intellectual property rights;
- the geographic, time zone, language and cultural differences between personnel in different areas of the world; and
- national and regional labor strikes.

Any of these factors could materially adversely affect our business, financial condition or results of operations.

We have been exposed and, as a result of the transactions, will be further exposed to exchange rate fluctuations.

For the year ended December 31, 2001, on a pro forma basis, 72% of our net sales were attributable to operations with U.S. dollars as their functional currency, and 28% of our net sales were attributable to operations having other functional currencies, with 11% of net sales attributable to the euro. Due to fluctuations in the currencies listed below, primarily the Brazilian real, Ball incurred unfavorable accumulated foreign currency translation adjustments of \$2.1 million and \$3.2 million for the years ended December 31, 2001 and 2000, respectively.

Our reporting currency is the U.S. dollar. Historically, Ball's foreign operations, including assets and liabilities and revenues and expenses, have been denominated in various currencies other than the U.S. dollar, and we expect that our foreign operations will continue to be so denominated. As a result,

19

the U.S. dollar value of Ball's foreign operations have varied, and will continue to vary, with exchange rate fluctuations. In this respect, historically Ball has been primarily exposed to fluctuations in the exchange rate of the Brazilian real, Thai baht, Chinese renminbi, Hong Kong dollar and Canadian dollar against the U.S. dollar.

Historically, Schmalbach's operations, including assets and liabilities and revenues and expenses, have been denominated in euros, sterling and Polish zloty and reported in euros. Schmalbach will continue such practice. As a result, the U.S. dollar value of Schmalbach's operations will vary with exchange rate fluctuations.

A decrease in the value of any of these currencies, including the euro, relative to the U.S. dollar could reduce our profits from foreign operations and the value of the net assets of our foreign operations when reported in U.S. dollars in our financial statements. This could have a material adverse effect on our business, financial condition or results of operations as reported in U.S. dollars.

In addition, fluctuations in currencies relative to currencies in which the earnings are generated may make it more difficult to perform period-to-period comparisons of our reported results of operations. For purposes of accounting, the assets and liabilities of our foreign operations, where the local currency is the functional currency, are translated using period-end exchange rates, and the revenues and expenses of our foreign operations are translated using average exchange rates during each period. Translation gains and losses are reported in accumulated other comprehensive loss as a component of shareholders' equity.

While our expenses with respect to foreign operations are generally denominated in the same currency as the corresponding sales, thereby generally limiting exchange rate risk with respect to transactions, our purchases of aluminum for foreign operations are denominated in U.S. dollars, thus subjecting us to exchange rate risk with respect to aluminum. We cannot predict the effect of exchange rate fluctuations upon future operating results.

We actively manage our exposure to foreign currency fluctuations in order to mitigate the effect of foreign cash flow and reduce earnings volatility associated with foreign exchange rate changes. We primarily use forward contracts and options to manage our foreign currency exposures and, as a result, we experience gains and losses on these derivative positions offset, in part, by the impact of currency fluctuations on existing assets and liabilities. Economic risks associated with these hedging instruments include: unexpected fluctuations in interest rates impacting our future buying power for purchasing foreign currencies; and unexpected changes in the timing and collection of funds related to hedging instruments, both of which can cause hedging instruments to be ineffective. An ineffective hedging instrument may expose us to currency losses, which could have an adverse effect on our business, financial condition or results of operations. We cannot assure you that our hedging programs will be effective.

Our business, operating results and financial condition are subject to particular risks in certain regions of the world.

We may experience an operating loss in one or more regions of the world for one or more periods, which could have a material adverse effect on our business, operating results or financial condition. In particular, current local market conditions have slowed our businesses in China and Brazil and decreased exports of our products from China to other Asian countries. We cannot predict when or if these market conditions will improve. Moreover, overcapacity, which often leads to lower prices, exists in a number of regions, including Asia and Latin America, and may persist even if demand grows. Our ability to manage such operational fluctuations and to maintain adequate long-term strategies in the face of such developments will be critical to our continued growth and profitability.

20

If we fail to retain key management and personnel we may be unable to implement our key objectives.

We believe that our future success depends, in large part, on our experienced management team. Losing the services of key members of our management team could make it difficult for us to manage our business and meet our objectives.

Decreases in our ability to apply new technology and know-how may affect our competitiveness.

Our success depends in part on our ability to improve production processes and services. We must also introduce new products and services to meet changing customer needs. If we are unable to implement better production processes or to develop new products, we may not be able to remain competitive with other manufacturers. As a result, our business, financial condition or results of operations could be adversely affected.

Bad weather may result in lower sales.

We manufacture packaging products primarily for beverages and foods. Unseasonably cool weather can reduce demand for certain beverages packaged in our containers. In addition, poor weather conditions that reduce crop yields of fruits and vegetables can adversely affect demand for our food containers, creating potentially adverse effects on our business.

We are vulnerable to fluctuations in the supply and price of raw materials.

We purchase aluminum, steel, plastic resin and other raw materials and packaging supplies from several sources. While all such materials are available from numerous independent suppliers, raw materials are subject to fluctuations in price attributable to a number of factors, including general economic conditions, the demand by other industries for the same raw materials and the availability of complementary and substitute materials. Although we enter into commodities purchase agreements from time to time and use derivative instruments to hedge our risk, we cannot ensure that our current suppliers of raw materials will be able to supply us with sufficient quantities or at reasonable prices. Increases in raw material costs could have a material adverse effect on our business, financial condition or results of operations. Because our North American contracts often pass raw material costs directly on to the customer, increasing raw materials costs may not impact our near-term profitability but could decrease our sales volume over time. In Europe, our contracts do not typically allow us to pass on increased raw material costs and we regularly use derivative agreements to manage this risk; however, our hedging procedures may be insufficient and our results could be materially impacted if materials costs increase suddenly in Europe.

Prolonged work stoppages at plants with union employees could jeopardize our financial position.

As of September 29, 2002, on a pro forma basis, approximately 21% of our employees in North America and 90% of our employees in Europe were covered by one or more collective bargaining agreements. These collective bargaining agreements have staggered expirations over the next three years. Although we consider our employee relations to be generally good, a prolonged work stoppage or strike at any facility with union employees could have a material adverse effect on our business, financial condition or results of operations. In addition, we cannot assure you that upon the expiration of existing collective bargaining agreements new agreements will be reached without union action or that any such new agreements will be on terms satisfactory to us.

Our business is subject to substantial environmental remediation and compliance costs.

Our operations are subject to federal, state and local laws and regulations relating to environmental hazards, such as emissions to air, discharges to water, the handling and disposal of hazardous and solid wastes and the cleanup of hazardous substances. The U.S. Environmental Protection Agency has

21

designated us, along with numerous other companies, as a potentially responsible party for the cleanup of several hazardous waste sites. Based on available information, we do not believe that any costs incurred in connection with such sites will have a material adverse effect on our financial condition, results of operations, capital expenditures or competitive position.

We continually review our compliance with environmental laws and believe that our operations are in substantial compliance with these laws, other than in the situations described above. However, we may incur liabilities for noncompliance, or substantial expenditures to achieve compliance, with environmental laws in the future. In addition, stricter laws and regulations, or stricter interpretations of existing laws or regulations, may impose new liabilities on us, adversely affecting our business, financial condition and results of operations in the future.

Furthermore, various legislators have introduced or may introduce laws prohibiting, taxing or restricting the sale or use of certain types of containers or prohibiting disposal of packaging materials in landfills. Some laws have been adopted and others rejected. We anticipate that advocates of such laws will continue to lobby for their passage in the future. Wide adoption of these or similar laws could have an adverse effect on our business, financial condition and results of operations.

Mandatory deposit laws in Germany could have a negative effect on the demand for beverage cans in Germany.

Our operations in Germany are subject to packaging legislation that exempts one-way containers from a mandatory deposit fee as long as returnable containers maintain at least a 72% market share. However, the market share for returnable containers dropped below this mandated level and legislators decided to impose a mandatory deposit fee on cans and other non-refillable containers effective as of January 1, 2003. However, the recycling rate for cans has risen significantly since the packaging legislation was passed and now exceeds 80%, making the need for a mandatory deposit fee questionable. Beverage companies, container manufacturers, retailers and others are pursuing legal challenges to the imposition of the mandatory deposit fee, but it is uncertain whether they will be successful. The imposition of such a deposit fee could have a negative effect on the demand for beverage cans in Germany. In addition, similar deposit laws could spread through some other European countries.

If we were required to write down all or part of our goodwill, our net income and net worth could be materially adversely affected.

As a result of Ball's previous acquisitions and the acquisition of Schmalbach, we would have \$1,135.6 million of net goodwill recorded on our pro forma consolidated balance sheet as of September 29, 2002. Historically, we have amortized goodwill on a straight-line basis, principally over 40 years. Beginning January 1, 2002, we no longer amortize goodwill. Instead, we are required to periodically determine if our goodwill has become impaired, in which case we would write down the impaired portion of our goodwill. If we were required to write down all or part of our goodwill, our net income and net worth could be materially adversely affected.

If the investments in Ball's pension plans do not perform as expected, we may have to contribute additional amounts to the plans, which would otherwise be available to cover operating expenses.

Ball maintains noncontributory, defined benefit pension plans covering substantially all of its U.S. employees, which we fund based on certain actuarial assumptions. The plans' assets consist primarily of common stocks and fixed income securities. If the investments in the plan do not perform at expected levels, then we will have to contribute additional funds to ensure that the program will be able to pay out benefits as scheduled. Such an increase in funding could result in a decrease in our available cash flow and net earnings and the recognition of such an increase could result in a reduction to our shareholders' equity. We recorded an increase in our minimum pension liability in the fourth quarter of 2002 as a result of the decline in the market value of the plans' assets. This increase in pension liability will be reflected as an increase in other liabilities and a corresponding decrease in stockholders' equity.

Risks Relating to the Notes

Our significant debt could adversely affect our financial health and prevent us from fulfilling our obligations under the notes.

We have a significant amount of debt. On September 29, 2002, on a pro forma basis, we would have had total debt of \$1,982 million (of which \$300 million would have consisted of the notes, \$1,014.2 million would have consisted of borrowings under our new credit facilities, \$550 million would have consisted of the existing notes and \$117.8 million would have consisted of other debt). On a pro forma basis, our ratio of earnings to fixed charges would have been 0.6x for the year ended December 31, 2001, and 3.5x for the nine months ended September 29, 2002.

Our high level of debt could have important consequences to you, including the following:

- use of a large portion of our cash flow to pay principal and interest on the notes, the existing notes, the new credit facilities and our other debt, which will reduce the availability of our cash flow to fund working capital, capital expenditures, research and development expenditures and other business activities;
- current and future debt under our new credit facilities is secured;
- increase our vulnerability to general adverse economic and industry conditions;
- limit our flexibility in planning for, or reacting to, changes in our business and the industry in which we operate;
- restrict us from making strategic acquisitions or exploiting business opportunities;
- make it more difficult for us to satisfy our obligations with respect to the notes;
- place us at a competitive disadvantage compared to our competitors that have less debt;
- limit our ability to make capital expenditures in order to maintain our manufacturing plants in good working order and repair; and
- limit, along with the financial and other restrictive covenants in our debt, among other things, our ability to borrow additional funds, dispose of assets or pay cash dividends.

In addition, a substantial portion of our debt bears interest at variable rates. If market interest rates increase, variable-rate debt will create higher debt service requirements, which would adversely affect our cash flow. While we generally enter into agreements limiting our exposure, any such agreements may not offer complete protection from this risk.

We will require a significant amount of cash to service our debt. Our ability to generate cash depends on many factors beyond our control.

Our ability to make payments on and to refinance our debt, including the notes, and to fund planned capital expenditures and research and development efforts, will depend on our ability to generate cash in the future. This is subject to general economic, financial, competitive, legislative, regulatory and other factors that may be beyond our control.

Based on our current level of operations, we believe our cash flow from operations, available cash and available borrowings under our new credit facilities, will be adequate to meet our future liquidity needs for the next several years barring any unforeseen circumstances which are beyond our control.

We cannot assure you, however, that our business will generate sufficient cash flow from operations or that future borrowings will be available to us under our new credit facilities or otherwise in an amount sufficient to enable us to pay our debt, including the notes, or to fund our other liquidity needs. We may need to refinance all or a portion of our debt, including the notes, on or before

maturity. We cannot assure you that we will be able to refinance any of our debt, including our new credit facilities, the existing notes or the notes, on commercially reasonable terms or at all.

Despite our current significant level of debt, we may still be able to incur substantially more debt. This could further exacerbate the risks associated with our substantial debt.

We may be able to incur substantial additional debt in the future. Although the indenture governing the notes contains restrictions on the incurrence of additional debt, these restrictions are subject to a number of qualifications and exceptions and, under certain circumstances, debt incurred in compliance with these restrictions could be substantial. If new debt is added to our current debt levels, the substantial risks described above would intensify.

The notes and the subsidiary guarantees will be unsecured and effectively subordinated to our existing and future secured debt.

Holders of our secured debt will have claims that are prior to your claims as holders of the notes to the extent of the value of the assets securing the secured debt. Notably, Ball Corporation and the subsidiary guarantors are parties to the new credit facilities, which are secured by liens on the stock of substantially all of Ball Corporation's and the subsidiary guarantors' subsidiaries. The notes are effectively subordinated to all secured debt. In the event of any distribution or payment of our assets in any foreclosure, dissolution, winding-up, liquidation, reorganization or other bankruptcy proceeding, holders of secured debt will have prior claim to those of our assets that constitute their collateral. Holders of the notes will participate ratably with all holders of our unsecured debt that is deemed to be of the same class as the notes, and potentially with all of our other general creditors, based upon the respective amounts owed to each holder or creditor, in our remaining assets. In any of the foregoing events, we cannot assure you that there will be sufficient assets to pay amounts due on the notes. As a result, holders of notes may receive less, ratably, than holders of secured debt.

As of September 29, 2002, on a pro forma basis, the aggregate amount of our secured debt would have been approximately \$1,059.3 million, and approximately \$313.2 million would have been available for additional borrowings under our new credit facilities. We may be permitted to borrow substantial additional debt, including secured debt, in the future under the terms of the indenture governing the notes.

The notes are structurally subordinated to all existing and future liabilities of our subsidiaries that do not guarantee the notes.

The notes are structurally subordinated to all existing and future liabilities, including trade payables, of our subsidiaries that do not guarantee the notes, and the claims of creditors of those subsidiaries, including trade creditors, will have priority as to the assets and cash flows of those subsidiaries. In the event of a bankruptcy, liquidation, dissolution, reorganization or similar proceeding of any of the non-guarantor subsidiaries, holders of their liabilities, including their trade creditors, will generally be entitled to payment on their claims from assets of those subsidiaries before any assets are made available for distribution to us. None of our foreign subsidiaries guarantee the notes and certain of our domestic subsidiaries do not guarantee the notes. Certain European subsidiaries are borrowers under the new credit facilities, and are obligors and cross-guarantors on \$549.3 million of European term loans and any amounts borrowed by such subsidiaries under the revolving credit facilities. Additionally, Ball's Canadian operating subsidiary is a party to the \$35 million Canadian revolving credit facility issued under the new credit facilities. As of September 29, 2002, on a pro forma basis, our non-guarantor subsidiaries would have had \$809.7 million of outstanding liabilities, excluding intercompany liabilities and the new credit facilities but including trade payables. Under some circumstances, the terms of the notes permit Ball Corporation and the guarantor subsidiaries to incur additional debt. In addition, on a pro forma basis, Ball Corporation and the guarantor subsidiaries generated 71% of

our net sales for the nine months ended September 29, 2002, and represented 59% of our assets as of September 29, 2002.

The terms of our debt impose restrictions on us that may affect our ability to successfully operate our business and our ability to make payments on the notes.

The indentures governing the existing notes, the indenture governing the notes and the agreement governing our new credit facilities all contain, covenants that, among other things, limit our ability to:

- incur additional debt and issue preferred stock;
- pay dividends or make other restricted payments;
- make certain investments;
- create liens;
- allow restrictions on the ability of certain of our subsidiaries to pay dividends or make other payments to us;
- sell assets;
- merge or consolidate with other entities; and
- enter into transactions with affiliates.

The new credit facilities also require us to comply with a minimum interest coverage ratio test, maximum leverage ratio test and minimum fixed charge coverage ratio test.

These covenants could materially and adversely affect our ability to finance our future operations or capital needs and to engage in other business activities that may be in our best interest.

All of these covenants may restrict our ability to expand or to pursue our business strategies. Our ability to comply with these covenants may be affected by events beyond our control, such as prevailing economic conditions and changes in regulations, and if such events occur, we cannot be sure that we will be able to comply. A breach of these covenants could result in a default under the indentures governing the existing notes, the indenture governing the notes and/or the new credit facilities. If there were an event of default under the indentures for the existing notes, the indenture for the notes and/or the new credit facilities, holders of such defaulted debt could cause all amounts borrowed under these instruments to be due and payable immediately. Additionally, if we fail to repay the debt under the new credit facilities when it becomes due, the lenders under the new credit facilities could proceed against certain of our assets and capital stock which we have pledged to them as security. We cannot assure you that our assets or cash flow will be sufficient to repay borrowings under the outstanding debt instruments in the event of a default thereunder.

We may not be able to service the notes because of our operational structure.

The notes are obligations solely of Ball Corporation, and each subsidiary guarantee is the obligation solely of the applicable subsidiary guarantor. Ball Corporation, the issuer of the notes, is a holding company and, as such, its operations are conducted through its subsidiaries. Ball Corporation's subsidiaries are its primary source of income and it relies on that income to make payments on debt. However, Ball Corporation's subsidiaries are separate and distinct legal entities.

Except for the subsidiary guarantees given by the subsidiary guarantors, holders of the notes cannot demand repayment of the notes from Ball Corporation's subsidiaries because the notes are not obligations of non-guarantor subsidiaries. Therefore, although Ball Corporation's operating subsidiaries may have cash, Ball Corporation may not be able to make payments on its debt. In addition, the ability of Ball Corporation's subsidiaries to make payments to Ball Corporation will also be affected by their

25

own operating results and will be subject to applicable laws and contractual restrictions contained in the instruments governing any debt or leases of such subsidiaries. Although the indenture governing the notes limits the ability of such subsidiaries to enter into any consensual restrictions on their ability to pay dividends and other payments to us, such limitations are subject to a number of significant qualifications.

We may not have the ability to raise the funds necessary to finance the change of control offer required by the indenture governing the notes.

Upon certain events constituting a change of control, as that term is defined in the indenture governing the notes, including a change of control caused by an unsolicited third party, we are required to make an offer in cash to repurchase all or any part of each holder's notes at a price equal to 101% of the principal thereof, plus accrued interest. The source of funds for any such repurchase would be our available cash or cash generated from operations or other sources, including borrowings, sales of equity or funds provided by a new controlling person or entity. We cannot assure you that sufficient funds will be available at the time of any change of control event to repurchase all tendered notes pursuant to this requirement. Our failure to offer to repurchase notes, or to repurchase notes tendered, following a change of control will result in a default under the indenture governing the notes, which could lead to a cross-default under our new credit facilities and under the terms of our other debt. In addition, our new credit facilities effectively prohibit us from making any such required repurchases. Prior to repurchasing the notes on a change of control event, we must either repay outstanding debt under our new credit facilities or obtain the consent of the lenders under those facilities. If we do not obtain the required consents or repay our outstanding debt under our new credit facilities, we would remain effectively prohibited from offering to repurchase the notes.

We may not be required, or we may not be able, to repurchase the notes upon an asset sale.

Holders of the notes may not have all or any of their notes repurchased following an asset sale because:

- we are only required to repurchase the notes under certain circumstances if there are excess proceeds of the asset sale; or
- we may be prohibited from repurchasing the notes by the terms of our senior debt, including the new credit facilities.

Under the terms of the indenture governing the notes, we may be required to repurchase all or a portion of the notes following an asset sale at a purchase price equal to 100% of the principal amount of the notes. However, we are only required to repurchase the notes from the excess proceeds of the asset sale that we do not use to repay other senior debt or to acquire replacement assets. We can also defer the offer to you until there are excess proceeds in an amount greater than \$20 million. It is likely that the terms of our senior debt will require us to apply most, if not all, of the proceeds of an asset sale to repay that debt, in which case there may be no excess proceeds of the asset sale for the repurchase of the notes.

In addition, the terms of our senior debt may prevent us from repurchasing the notes without the consent of our senior lenders. In those circumstances, we would be required to obtain the consent of our senior lenders before we could repurchase the notes with the excess proceeds of an asset sale. If we were unable to obtain any required consents, the requirement that we purchase the notes from the excess proceeds of an asset sale will be ineffective.

26

The subsidiary guarantees of the notes could be subordinated or voided by a court.

Under the federal bankruptcy law and comparable provisions of state fraudulent transfer laws, a guarantee could be voided, or claims in respect of a guarantee could be subordinated to all other debts of that guarantor if, among other things, the guarantor, at the time it incurred the debt evidenced by its guarantee:

- received less than reasonably equivalent value or fair consideration for the incurrence of such guarantee; and
- was insolvent or rendered insolvent by reason of such incurrence; or
- was engaged in a business or transaction for which the guarantor's remaining assets constituted unreasonably small capital; or
- intended to incur, or believed that it would incur, debts beyond its ability to pay such debts as they mature.

In such instances, the note holders would cease to have any claim in respect of that subsidiary guarantee and would be creditors solely of Ball Corporation and any remaining subsidiary guarantors. In addition, any payment by that subsidiary guarantor pursuant to its subsidiary guarantee could be voided and required to be returned to the subsidiary guarantor, or to a fund for the benefit of the creditors of the subsidiary guarantor.

The measures of insolvency for purposes of these fraudulent transfer laws will vary depending upon the law applied in any proceeding to determine whether a fraudulent transfer has occurred. Generally, however, a guarantor would be considered insolvent if:

- the sum of its debts, including contingent liabilities, was greater than the fair saleable value of all of its assets; or
- the present fair saleable value of its assets was less than the amount that would be required to pay its probable liability on its existing debts, including contingent liabilities, as they become absolute and mature; or
- it could not pay its debts as they become due.

On the basis of historical financial information, recent operating history and other factors, we believe that each subsidiary guarantor, after giving effect to each subsidiary guarantee of the notes, will not be insolvent, will not have unreasonably small capital for the business in which it is engaged and will not have incurred debts beyond its ability to pay such debts as they mature. We cannot assure you, however, as to what standard a court would apply in making these determinations or that a court would agree with our conclusions in this regard.

A court may void the issuance of the notes in circumstances of a fraudulent transfer under federal or state fraudulent transfer laws.

If a court determines the issuance of the notes constituted a fraudulent transfer, the holders of the notes may not receive payment on the notes.

Under federal bankruptcy and comparable provisions of state fraudulent transfer laws, if a court were to find that, at the time the notes were issued Ball Corporation:

- issued the notes with the intent of hindering, delaying or defrauding current or future creditors; or
- received less than fair consideration or reasonably equivalent value for incurring the debt represented by the notes, and either (i) we were insolvent or were rendered insolvent by reason of

27

the issuance of the notes; or (ii) we were engaged, or about to engage, in a business or transaction for which our assets were unreasonably small; or (iii) we intended to incur, or believed, or should have believed, we would incur, debts beyond our ability to pay as such debts mature;

then a court could:

- avoid all or a portion of our obligations to the holders of the notes;
- subordinate our obligations to the holders of the notes to other existing and future debt of us, the effect of which would be to entitle the other creditors to be paid in full before any payment could be made on the notes; or
- take other action harmful to the holders of the notes, including in certain circumstances, invalidating the notes.

In any of these events, we could not assure you that the holders of the notes would ever receive payment on the notes.

The measures of insolvency for the purposes of the above will be as described in the risk factor "The subsidiary guarantees of the notes could be subordinated or voided by a court." We cannot assure you as to what standard a court would apply in order to determine whether we were "insolvent" as of the date the notes were issued, or that, regardless of the method of valuation, a court would not determine that we were insolvent on that date. Nor can we assure you that a court would not determine, regardless of whether we were insolvent on the date the notes were issued, that the issuance of the notes constituted fraudulent transfers on another ground.

28

THE TRANSACTIONS

The Acquisition.

On December 19, 2002, Ball Corporation through an indirect, wholly-owned subsidiary, completed the acquisition of 100% of the capital stock of Schmalbach, the second largest manufacturer of metal beverage containers in Europe. Schmalbach is now being operated as an indirect, wholly-owned European subsidiary of Ball Corporation and is a restricted subsidiary under the indentures governing the notes.

For purposes of this section "The Transactions," amounts converted to U.S. dollars from sterling and euros are converted at the noon buying rate in the City of New York for cable transfers as certified for customs purposes by the Federal Reserve Bank of New York on December 19, 2002.

The Acquisition Agreement.

General—The following summary of certain of the terms of the acquisition agreement does not purport to be complete and is qualified in its entirety by reference to the acquisition agreement, a copy of which was filed by Ball Corporation with the SEC as Exhibit 10.1 to Ball Corporation's Quarterly Report on Form 10-Q for the quarter ended September 29, 2002, and the amendment to the acquisition agreement, a copy of which was filed by Ball Corporation with the SEC as Exhibit 2.2 to Ball Corporation's Current Report on Form 8-K dated December 19, 2002, and filed on December 31, 2002, both of which are incorporated herein by reference.

Purchase Price—The purchase price for the acquisition was €922.3 million (or \$942.3 million), subject to certain adjustments and excluding fees and expenses. The purchase price includes an adjustment for Schmalbach's German pension liabilities and will be further adjusted to take into account, among other things, the following:

-

outstanding indebtedness of Schmalbach at the time of the closing;

- change of control costs for certain employees of Schmalbach;
- the extent to which Schmalbach's net working capital at the time of the closing deviated from the applicable projected amount;
- the extent to which Schmalbach's aggregate capital expenditures between signing and closing deviated from certain projected amounts;
- cash which Schmalbach was unable to distribute to its current shareholders prior to closing (with the exception of \$6.8 million related to the sale of Schmalbach's operations in the PRC); and
- the extent to which any underfunding of Schmalbach's pension liabilities in the United Kingdom as of the closing date exceeded £3 million.

Representations, Warranties and Covenants—The acquisition agreement contains customary representations, warranties and covenants.

Indemnification—AV Packaging GmbH and Schmalbach–Lubeca Holding GmbH will indemnify Ball Corporation for losses arising from, among other things, breaches of representations and warranties, breaches of covenants, liabilities relating to Schmalbach's businesses other than the beverage can business and liabilities relating to the sale of Schmalbach's PET and White Cap businesses. Such representations and warranties in the purchase agreement survive for 18 months after the closing, except representations concerning environmental matters, title to shares and the organizational structure of the beverage can business which survive for five years and representations concerning tax matters which survive until six months after the final assessment or final resolution, as applicable,

29

following a tax audit, if any, or the date after which the respective tax authorities can no longer assess tax liabilities, whichever occurs later.

The Financings.

The Offering of the Old Notes—The proceeds from the offering of the old notes, together with the proceeds from the new credit facilities, were used to finance the acquisition and other transactions.

New Credit Facilities—In connection with the transactions, we entered into the new credit facilities with a syndicate of lenders. The new credit facilities consist of term loan facilities in the amount of \$350 million, €414 million and £79 million and revolving credit facilities in an aggregate U.S. dollar equivalent amount of \$450 million. See "Description of Other Indebtedness—New Credit Facilities" for a more detailed description of the new credit facilities.

Consent Solicitation.

Ball Corporation has successfully completed a solicitation of consents from the holders of the existing notes, in order to amend certain provisions contained in the indentures governing the existing notes. Ball Corporation, the trustee and the subsidiary guarantors of the existing notes have executed the supplemental indentures, and the amendments have become operative. These amendments will enable Ball Corporation to own and operate the acquired business of Schmalbach in a more tax efficient manner and to enhance our ability to efficiently operate and finance our business as a global company.

See "Use of Proceeds" for a summary of the estimated sources and uses of funds for the transactions.

30

USE OF PROCEEDS

We will not receive any proceeds from the exchange offer. Because we are exchanging the new notes for the old notes, which have substantially identical terms, the issuance of the new notes will not result in any increase in our indebtedness. The exchange offer is intended to satisfy our obligations under the registration rights agreement. Gross proceeds from the offering of old notes were \$300 million. The net proceeds from the issuance of the old notes were approximately \$295.5 million, after deducting the initial purchasers' discount and certain offering expenses. The net proceeds from the offering of old notes, together with borrowings under the new credit facilities, were used to finance the transactions as described under "The Transactions" and for general corporate purposes.

31

CAPITALIZATION

The following table sets forth our unaudited consolidated cash and cash equivalents and capitalization as of September 29, 2002 (1) on a historical basis and (2) as adjusted to give effect to the transactions as if they had occurred on September 29, 2002. See "The Transactions." You should read this table in conjunction with "Summary Historical and Pro Forma Financial Data," "Unaudited Pro Forma Condensed Combined Financial Data," "Selected Financial Data—Ball," "Selected Financial Data—Schmalbach–Lubeca Beverage Cans," Ball's unaudited condensed consolidated financial statements and related notes and Schmalbach–Lubeca Beverage Cans' unaudited combined interim financial statements and related notes, in each case, included elsewhere in this prospectus.

	As of September 29, 2002	
	Actual	As Adjusted
	(dollars in millions)	
Cash and cash equivalents	\$ 58.2	\$ 58.2

Long-term debt, including current portion:		
Current portion of long-term debt(1)	\$ 82.0	\$ 55.5
Existing senior credit facility, excluding current portion	306.8	—
New credit facilities, excluding current portion:		
Revolving Credit Facilities	—	136.8
Term Loan Facilities	—	822.9
7 ³ / ₄ % Senior Notes due 2006	300.0	300.0
8 ¹ / ₄ % Senior Subordinated Notes due 2008	250.0	250.0
6 ⁷ / ₈ % Senior Notes due 2012	—	300.0
Other debt(2)	32.1	49.8
	970.9	1,915.0
Total long-term debt, including current portion	970.9	1,915.0
Shareholders' equity	541.6	536.0
	1,512.5	2,451.0
Total capitalization	\$ 1,512.5	\$ 2,451.0

- (1) Represents the current portion of term loans under the credit facilities and, on an as adjusted basis, also includes the current portion of Schmalbach's obligation under a capital lease.
- (2) As of September 29, 2002, on an actual basis, other debt consisted of \$27.1 million of industrial revenue bonds and \$5.0 million related to the fair value of the hedged portion of our 7³/₄% Senior Notes due 2006. On an as adjusted basis, other debt consisted of \$27.1 million of industrial revenue bonds, \$5.0 million related to the fair value of the hedged portion of our 7³/₄% Senior Notes due 2006, \$15.6 million of Schmalbach environmental loans and \$2.1 million for the long-term portion of Schmalbach's obligation under a capital lease. These numbers exclude \$52.1 million of debt held by our non-guarantor subsidiary and affiliates in the PRC, which is short-term uncommitted non-recourse debt and borrowings under Schmalbach's accounts receivable securitization program. These numbers also exclude Ball's accounts receivable securitization facility which is reported as an off-balance sheet liability in accordance with US GAAP. As of September 29, 2002, Ball had \$157.5 million outstanding under its accounts receivable securitization facility.

UNAUDITED PRO FORMA CONDENSED COMBINED FINANCIAL DATA

The unaudited pro forma condensed combined financial data are based on the consolidated financial statements of Ball and the combined financial statements of Schmalbach–Lubeca Beverage Cans. The unaudited pro forma condensed combined balance sheet at September 29, 2002, is based on the consolidated financial statements of Ball and the combined financial statements of Schmalbach–Lubeca Beverage Cans and adjusted to give effect to the transactions as if they had occurred on September 29, 2002. The unaudited pro forma condensed combined statements of earnings for the year ended December 31, 2001 and the nine-month period ended September 29, 2002 are based on the consolidated financial statements of Ball and the combined financial statements of Schmalbach–Lubeca Beverage Cans and adjusted to give effect to the transactions as if they had occurred on January 1, 2001.

Prior to July 1, 2002, Schmalbach–Lubeca AG, now known as Schmalbach–Lubeca GmbH, consisted of three operating segments—PET containers, White Cap closures and beverage cans. On July 1, 2002, Schmalbach sold both the PET and White Cap businesses. The Schmalbach–Lubeca Beverage Cans historical financial statements included herein represent the beverage can business and an allocated portion of the corporate headquarters function and exclude the businesses that were sold on July 1, 2002. The Schmalbach–Lubeca Beverage Cans combined financial statements include substantially all of the assets, liabilities, results of operations and cash flows attributable to the historical beverage can operations of Schmalbach in addition to an allocated portion of the corporate headquarters function and acquired assets and liabilities of Schmalbach. The combined statement of earnings includes all items of revenue and income generated by the beverage can operations and all items of expense directly incurred by it or charged to it. Certain corporate expenses, assets and liabilities were allocated to the combined financial statements. They include certain historical corporate activities of Schmalbach, relating to the beverage can business, which are not reflective of what the recurring operations of the business under Ball ownership and management will be.

The Schmalbach–Lubeca Beverage Cans combined financial statements were prepared in accordance with International Accounting Standards, or IAS, which differ in certain respects from US GAAP and were adjusted to US GAAP. The combined statements of earnings were prepared in euros and translated to U.S. dollars at the average of the daily closing rates for the periods presented. The combined balance sheet was translated at the September 27, 2002 noon buying rate in The City of New York of \$0.9772 to €1.00. Certain reclassifications were made to the Schmalbach–Lubeca Beverage Cans financial statements to conform them to Ball's presentation.

Adjustments for the transactions are based upon historical financial information of Ball and Schmalbach–Lubeca Beverage Cans and certain assumptions that management of Ball believes are reasonable. The acquisition will be accounted for using the purchase method of accounting. Under this method, the purchase price has been allocated to the assets and liabilities acquired based on preliminary estimates of fair value. The valuation of certain assets and liabilities by management and third-party experts is still in process and therefore, the actual fair values may vary from the preliminary estimates. For purposes of the pro forma information, a total purchase price of \$944.1 million has been used, which consists of cash of \$885.6 million, the retention of \$18.8 million of Schmalbach debt plus acquisition costs of \$39.7 million.

The pro forma financial data do not necessarily reflect the results of operations or the financial position of Ball that actually would have resulted had the transactions occurred at the date indicated, or project the results of operations or financial position of Ball for any future date or period.

The unaudited pro forma condensed combined financial data should be read in conjunction with:

- Ball's audited consolidated financial statements and related notes contained in Ball's Annual Report on Form 10-K for the year ended December 31, 2001, Ball's unaudited condensed consolidated financial statements and related notes contained in Ball's Quarterly Report on

- Schmalbach–Lubeca Beverage Cans' audited combined financial statements for the year ended December 31, 2001 and Schmalbach–Lubeca Beverage Cans' unaudited combined financial statements for the nine months ended September 30, 2002, together with related notes, as well as "Management's Discussion and Analysis of Financial Condition and Results of Operations," in each case contained elsewhere in this prospectus.

See "Where You Can Find More Information" and "Incorporation of Certain Information by Reference."

Unaudited Pro Forma Condensed Combined Statement of Earnings

Year ended December 31, 2001

(dollars in millions, except per share data)

	Ball Historical US GAAP	Schmalbach Historical US GAAP(1)	Other pro forma adjustments US GAAP(2)	Pro forma Total US GAAP
Net sales	\$ 3,686.1	\$ 854.7	\$ —	\$ 4,540.8
Cost of sales (excluding depreciation and amortization)	3,142.2	676.3	(0.2)(a)	3,818.3
Depreciation and amortization	152.5	63.4	(0.6)(a) 3.9 (b) (29.2)(b) (4.8)(c)	185.2
Business consolidation cost and other	271.2	—	—	271.2
Selling and administrative	135.6	60.6	1.3 (a)	197.5
Receivable securitization fees and other	10.0	(6.8)	0.9 (a)	4.1
Earnings (loss) before interest and taxes	(25.4)	61.2	28.7	64.5
Interest expense	88.3	14.4	(12.6)(d) 46.8 (e)	136.9
Earnings (loss) before taxes	(113.7)	46.8	(5.5)	(72.4)
Tax provision	9.7	(14.8)	10.5 (f)	5.4
Minority interests	0.8	0.3	—	1.1
Equity in results of affiliates	4.0	—	—	4.0
Net earnings (loss)	(99.2)	32.3	5.0	(61.9)
Preferred dividends, net of tax	(2.0)	—	—	(2.0)
Earnings (loss) attributable to common shareholders	\$ (101.2)	\$ 32.3	\$ 5.0	\$ (63.9)
Earnings (loss) per share:				
Basic	\$ (1.85)			\$ (1.16)
Diluted(3)	\$ (1.85)			\$ (1.16)
Weighted average common shares outstanding (in thousands):				
Basic	54,880			54,880
Diluted	58,858			58,858

- (1) Reconciliation of IAS to US GAAP is included on page 41.
- (2) Footnote explanations of pro forma adjustments are included on pages 37 and 38.
- (3) The diluted loss per share is the same as the basic loss per share because the assumed exercise of stock options and conversion of Ball's employee stock ownership plan preferred stock would have been antidilutive.

Unaudited Pro Forma

Condensed Combined Statement of Earnings

Nine Months Ended September 29, 2002

(dollars in millions, except per share data)

	Ball Historical US GAAP	Schmalbach Historical US GAAP(1)	Other pro forma adjustments US GAAP(2)	Pro forma Total US GAAP
Net sales	\$ 2,948.7	\$ 822.3	\$ —	\$ 3,771.0

Cost of sales (excluding depreciation and amortization)	2,475.4	596.5	—	3,071.9
Depreciation and amortization	109.0	32.4	0.2 (a)	140.6
			3.0 (b)	
			(4.0)(c)	
Business consolidation costs and other	—	(4.2)	—	(4.2)
Selling and administrative	117.0	50.9	2.2 (a)	170.1
Receivable securitization fees and other	2.8	3.0	0.4 (a)	6.2
Earnings (loss) before interest and taxes	244.5	143.7	(1.8)	386.4
Interest expense	55.1	3.3	(1.6)(d)	99.3
			42.5 (e)	
Earnings (loss) before taxes	189.4	140.4	(42.7)	287.1
Tax provision	(66.3)	(39.2)	14.9 (f)	(90.6)
Minority interests	(1.4)	—	—	(1.4)
Equity in results of affiliates	5.7	—	—	5.7
Net earnings (loss)	\$ 127.4	\$ 101.2	\$ (27.8)	\$ 200.8

Earnings (loss) per common share:

Basic	\$ 2.26	\$ 3.56
Diluted	\$ 2.21	\$ 3.49
Weighted average common shares outstanding (in thousands):		
Basic	56,347	56,347
Diluted	57,612	57,612

- (1) Reconciliation of IAS to US GAAP is included on page 42.
- (2) Footnote explanations of pro forma adjustments are included on pages 37 and 38.

**NOTES TO UNAUDITED PRO FORMA
CONDENSED COMBINED STATEMENT OF EARNINGS**

- (a) Historically, certain corporate overhead costs were allocated to the beverage can business. For purposes of preparing Schmalbach–Lubeca Beverage Cans' historical financial statements, included elsewhere herein, where it was possible to specifically identify costs as relating to the beverage can business, those costs were charged directly to it. Where it was not possible to specifically identify the costs relating to a particular business, a portion of the costs were allocated to the beverage can business based on revenues. In addition, certain corporate expenses were allocated to the combined financial statements of Schmalbach–Lubeca Beverage Cans for the sole purpose of preparing them. These included historical corporate activities of Schmalbach which are either unrelated to the beverage can business or not reflective of the recurring operations on a standalone basis. Accordingly, we have made certain adjustments that reflect the corporate overhead costs that we anticipate Schmalbach will incur as a wholly-owned subsidiary of Ball.
- (b) Represents the reversal of goodwill amortization from Ball's and Schmalbach–Lubeca Beverage Cans' historical earnings to reflect the adoption of Statement of Financial Accounting Standards No. 142 retroactive to January 1, 2001, and the amortization of other identified intangible assets over a period of 7.3 years. Ball and Schmalbach did not amortize goodwill in the nine months ended September 29, 2002.
- (c) Represents the change in depreciation resulting from the step-up of plant and equipment to their respective fair values, as required by Statement of Financial Accounting Standards No. 141, as well as changing the historical useful lives of the plant and equipment to their estimated remaining useful lives. Plant and equipment are being depreciated over periods from two to 25 years.
- (d) Represents the elimination of interest expense on Schmalbach debt not assumed by Ball Corporation. Ball Corporation is assuming approximately \$15.6 million in loans, \$3.1 million in capital leases and an amount up to \$27.9 million under the accounts receivable securitization program.
- (e) Interest expense for the year ended December 31, 2001, was adjusted to reflect the following borrowings:

Debt Instrument	Weighted Average		
	Average Principal	Interest Rate	Interest Expense
(dollars in millions)			
Existing Senior Notes due 2006	\$ 300.0	7.75%	\$ 23.3
Existing Senior Subordinated Notes due 2008	250.0	8.25%	20.6
New Senior Notes due 2012	300.0	6.875%	20.6
Multi-currency Term Loans	835.4	5.04%	42.1
Multi-currency Revolving Credit Facilities	366.0	4.32%	15.8
Other Debt	148.3	5.12%	7.6
Finance Cost Amortization			6.1
Commitment, LC & Other Interest Expense			0.8

Total \$ 136.9

A change in interest rates of $\frac{1}{8}\%$ would have increased or decreased interest expense by approximately \$1.5 million.

37

Interest expense for the nine months ended September 29, 2002, was adjusted to reflect the following borrowings:

Debt Instrument	Weighted Average		
	Average Principal	Interest Rate	Interest Expense
(dollars in millions)			
Existing Senior Notes due 2006	\$ 300.0	7.75%	\$ 17.4
Existing Senior Subordinated Notes due 2008	250.0	8.25%	15.5
New Senior Notes due 2012	300.0	6.875%	15.5
Multi-currency Term Loans	792.7	5.01%	29.8
Multi-currency Revolving Credit Facilities	226.5	4.53%	7.7
Other Debt	110.7	4.70%	3.9
Finance Cost Amortization			4.6
Commitment, LC & Other Interest Expense			4.9
Total			\$ 99.3

A change in interest rates of $\frac{1}{8}\%$ would have increased or decreased interest expense by approximately \$0.9 million.

- (f) Income tax expense was adjusted to reflect an effective tax rate of 35% on the pro forma adjustments, which is the expected effective tax rate for Ball.

38

Unaudited Pro Forma Condensed Combined Balance Sheet
September 29, 2002
(dollars in millions)

	Ball Historical	Schmalbach Historical US GAAP(1)	Adjustments for Non-acquired Assets/Liabilities(2)	Other Pro Forma Adjustments(2)	Pro Forma Total
ASSETS					
Current assets					
Cash and cash equivalents	\$ 58.2	\$ 39.5	\$ (39.5)(a)	\$ —	\$ 58.2
Accounts receivable, net	299.4	153.1	(12.8)(b)	6.6 (c)	446.3
Inventories, net	397.6	95.7	—	8.1 (d)	501.4
Deferred income tax benefit and prepaid expenses	64.5	43.0	(35.0)(b)	0.1 (c)	72.6
Total current assets	819.7	331.3	(87.3)	14.8	1,078.5
Property, plant and equipment, net	931.3	426.1	—	0.2 (c) (426.1)(e) 452.5 (f)	1,384.0
Goodwill	355.8	587.9	—	(587.9)(g) 779.8 (f)	1,135.6
Intangibles and other assets	275.3	54.0	(27.1)(b)	0.3 (c) 28.1 (h) (5.6)(i) 30.7 (h)	355.7
Total assets	\$ 2,382.1	\$ 1,399.3	\$ (114.4)	\$ 286.8	\$ 3,953.8

LIABILITIES AND SHAREHOLDERS' EQUITY

Current liabilities					
Short-term debt and current portion of long-term debt	\$ 134.1	\$ 76.3	\$ (60.4)(a)	\$ (27.5)(j)	\$ 122.5
Accounts payable	287.1	133.6	—	4.1 (c)	424.8
Accrued employee costs and other current liabilities	242.7	192.6	—	9.0 (c)	444.3
Total current liabilities	663.9	402.5	(60.4)	(14.4)	991.6

Long-term debt	888.9	17.8	—	952.8 (j)	1,859.5
Employee benefit obligations, deferred taxes and other liabilities	282.2	254.8	(6.4)(b)	30.6 (f)	561.2
Total liabilities	1,835.0	675.1	(66.8)	969.0	3,412.3
Minority interests	5.5	—	—	—	5.5
Shareholders' equity					
Common stock	508.8	—	—	—	508.8
Retained earnings	522.2	724.2	(47.6)	(676.6)(k)	516.6
				(5.6)(i)	
Accumulated other comprehensive loss	(54.0)	—	—	—	(54.0)
Treasury stock	(435.4)	—	—	—	(435.4)
Total shareholders' equity	541.6	724.2	(47.6)	(682.2)	536.0
Total liabilities and shareholders' equity	\$ 2,382.1	\$ 1,399.3	\$ (114.4)	\$ 286.8	\$ 3,953.8

- (1) Reconciliation of IAS to US GAAP is included on page 44.
- (2) Footnote explanations of pro forma adjustments are included on page 40.

39

**NOTES TO UNAUDITED PRO FORMA CONDENSED
BALANCE SHEET**

(dollars in millions)

- (a) Represents the elimination of cash and debt balances that will not be purchased or assumed by Ball, as provided in the purchase agreement.
- (b) Represents the elimination of balances related to a minority investment Schmalbach has in Impress, a food can manufacturer, that will not be purchased by Ball, as provided for in the purchase agreement.
- (c) Represents the adjustment from the Schmalbach–Lubeca Beverage Cans historical financial statement balances related to allocated assets and liabilities that are being purchased and assumed by Ball.
- (d) Inventory was adjusted to record the fair market value as of the acquisition date.
- (e) Fixed assets were adjusted to eliminate the existing fixed assets from the Schmalbach–Lubeca Beverage Cans historical financial statements and record the fair market value as of the acquisition date.
- (f) These amounts reflect the preliminary estimates of the adjustments necessary to record the Schmalbach assets acquired and liabilities assumed at their respective fair values. The total purchase price was determined and allocated as follows:

Cash purchase price for Schmalbach beverage can business	\$ 885.6
Plus assumed debt	18.8
Plus acquisition costs	39.7
Total purchase price	\$ 944.1
Purchase price allocated to:	
Tangible assets	\$ 711.5
Goodwill	779.8
Intangibles and other assets	86.0
Liabilities, including assumed debt	(633.2)
Total purchase price allocated	\$ 944.1

Tangible assets includes a step-up for fixed assets of \$26.4 million in addition to the step-up of fixed assets of approximately \$105 million that occurred in Schmalbach–Lubeca Beverage Cans' historical financial statements in August 2000, as well as an inventory step-up of \$8.1 million. Other intangible assets include an increase in the fair value, previously valued at August 2000, for a customer-based intangible asset from \$21.4 million to \$52.1 million and \$28.1 million of acquisition financing costs.

- (g) Goodwill was adjusted to eliminate the existing goodwill from the Schmalbach–Lubeca Beverage Cans historical financial statements.
- (h) Other assets were adjusted to reflect the capitalization of (i) \$28.1 million of financing costs that will be amortized over the life of the new notes and the new credit facilities and (ii) the allocation of \$30.7 million of additional intangible assets related to a customer-based intangible asset that will be amortized over an estimated life of 7.3 years.
- (i) Other assets were adjusted by \$5.6 million to reflect the nonrecurring cost of writing off, effective at closing, the remaining capitalized finance costs related to the refinanced debt.
- (j) Long-term debt was adjusted to reflect: (i) gross proceeds of \$300 million from the issuance of the new notes and net additional borrowings of \$625.3 million under the new credit facilities and (ii) the reclassification of \$27.5 million of short-term debt to long-term debt.
- (k) The adjustment reflects the elimination of the former owner's equity of Schmalbach.

**RECONCILIATION OF IAS TO US GAAP
OF SCHMALBACH–LUBECA BEVERAGE CANS UNAUDITED STATEMENTS OF EARNINGS**

The following table reconciles from IAS to US GAAP the Schmalbach–Lubeca Beverage Cans combined statement of earnings for the year ended December 31, 2001. The amounts have been translated at an average daily closing rate for the period of \$0.89671 to €1.00.

**Unaudited Pro Forma Condensed Combined Statement of Earnings
Year ended December 31, 2001
(in millions)**

	Schmalbach IAS (in €)	US GAAP Adjustments (in €)(1)	Schmalbach US GAAP (in €)	Reclassifications to Ball Presentation (in €)	Schmalbach US GAAP in Ball Presentation (in €)	Schmalbach US GAAP (in \$)
Net sales	€ 953.1	€ —	€ 953.1	€ —	€ 953.1	\$ 854.7
Cost of sales	777.9	13.4 (i) (3.9)(ii) (0.2)(iii) 0.1 (iv) (0.1)(viii) (0.2)(ix)	787.0	(32.8)	754.2	676.3
Depreciation and amortization	—	—	—	70.7	70.7	63.4
Business consolidation costs and other	—	—	—	—	—	—
Selling expenses	27.0	—	27.0	(27.0)	—	—
Selling and administrative General and administrative expenses	— 46.2	—	— 46.2	67.6 (46.2)	67.6 —	60.6
Other operating income	(44.5)	20.0 (iii)	(24.5)	24.5	—	—
Receivable securitization fees and other	—	—	—	(7.6)	(7.6)	(6.8)
Other operating expenses	32.5	16.4 (ii) 0.3 (ix)	49.2	(49.2)	—	—
Earnings (loss) before interest and taxes	114.0	(45.8)	68.2	—	68.2	61.2
Interest expense	29.7	(13.4)(i) (0.4)(iv) 0.2 (viii)	16.1	—	16.1	14.4
Earnings (loss) before taxes	84.3	(32.2)	52.1	—	52.1	46.8
Tax provision	(23.1)	6.6 (v)	(16.5)	—	(16.5)	(14.8)
Minority interests	0.3	—	0.3	—	0.3	0.3
Net earnings (loss)	€ 61.5	€ (25.6)	€ 35.9	€ —	€ 35.9	\$ 32.3

(1) Footnote explanations of reconciliation of IAS to US GAAP are included on page 43.

The following table reconciles from IAS to US GAAP the Schmalbach–Lubeca Beverage Cans unaudited combined statement of earnings for the nine months ended September 30, 2002. The amounts have been translated at an average daily closing rate for the period of \$0.92559 to €1.00.

**Unaudited Pro Forma Condensed Combined Statement of Earnings
Nine Months Ended September 29, 2002
(in millions)**

	Schmalbach IAS (in €)	US GAAP Adjustments (in €)(1)	Schmalbach US GAAP (in €)	Reclassifications to Ball Presentation (in €)	Schmalbach US GAAP in Ball Presentation (in €)	Schmalbach US GAAP (in \$)
Net sales	€ 888.4	€ —	€ 888.4	€ —	€ 888.4	\$ 822.3
Cost of sales	663.1	10.5 (i) (4.2)(ii) (2.5)(iii) 0.1 (iv) (0.1)(viii) (0.4)(ix)	666.5	(22.0)	644.5	596.5

Depreciation and amortization	—	—	—	35.0	35.0	32.4
Business consolidation costs and other	—	—	—	(4.5)	(4.5)	(4.2)
Selling expenses	27.1	—	27.1	(27.1)	—	—
Selling and administrative	—	—	—	55.0	55.0	50.9
General and administrative expenses	34.3	—	34.3	(34.3)	—	—
Other operating income	(25.6)	—	(25.6)	25.6	—	—
Receivable securitization fees and other	—	—	—	3.2	3.2	3.0
Other operating expenses	41.9	(5.9)(vi) (5.8)(vii) 0.7 (ix)	30.9	(30.9)	—	—
<hr/>						
Earnings before interest and taxes	147.6	7.6	155.2	—	155.2	143.7
Interest expense	14.0	(10.5)(i) 0.1 (viii)	3.6	—	3.6	3.3
<hr/>						
Earnings before taxes	133.6	18.0	151.6	—	151.6	140.4
Tax provision for income taxes	(41.4)	(1.0)(v)	(42.4)	—	(42.4)	(39.2)
Minority interests	—	—	—	—	—	—
<hr/>						
Net earnings	€ 92.2	€ 17.0	€ 109.2	€ —	€ 109.2	\$ 101.2
<hr/>						

(1) Footnote explanations of reconciliation of IAS to US GAAP are included on page 43.

42

NOTES TO IAS TO US GAAP RECONCILIATION OF SCHMALBACH–LUBECA BEVERAGE CANS UNAUDITED STATEMENTS OF EARNINGS

- (i) Under IAS, Schmalbach reflected the interest cost element of pension expense as interest expense. Under US GAAP, the interest cost element is reflected in cost of sales.
- (ii) Effective August 31, 2000, a new basis of accounting was established resulting from certain transactions made by Schmalbach's parent company. The adjustment reflects the effects of depreciation of fixed assets and the amortization of goodwill and intangible assets, after applicable taxes. There was no other impact to the unaudited pro forma condensed combined statements of earnings as a result of the new basis of accounting.
- (iii) In December 2000, it was determined in accordance with IAS and US GAAP that an impairment charge of €20 million was required for certain operating assets. In the fourth quarter 2001, events occurred which impacted the future expected cash flows of these operating assets such that a restoration of the 2000 impairment loss was required under IAS. However, under US GAAP, restoration of an impairment loss is not permitted. Therefore, the impairment loss has been reinstated and the resulting impact on the carrying value and the depreciation expense has been added back under US GAAP.
- (iv) This adjustment reflects the effect of capitalization under US GAAP of financing costs related to significant plant and equipment construction projects.
- (v) Current and deferred taxes have been provided on all adjustments at the applicable local country rate to which the adjustment applies.
- (vi) In June 2002, Schmalbach's investment in China was sold, resulting in a loss on sale. The loss included the write-off of €5.9 million for goodwill that had been previously offset against equity under IAS. For US GAAP purposes, this goodwill was previously written-off in 2000. Therefore, a US GAAP adjustment is required to reverse the charge taken for IAS. The US GAAP difference results from the cost basis difference between US GAAP and IAS at the time of sale.
- (vii) Represents the reversal of goodwill amortization from Schmalbach–Lubeca Beverage Cans' historical earnings to reflect the adoption of Statement of Financial Accounting Standards (SFAS) No. 142.
- (viii) Represents the effects of adjusting IAS accounting to capitalize certain leases in accordance with SFAS No. 13.
- (ix) Represents the reversal of the amortization of negative goodwill recorded by Schmalbach in connection with the acquisition of the production facility in La Ciotat, France, and the depreciation of the related adjustment to property, plant and equipment.

43

RECONCILIATION OF IAS TO US GAAP OF SCHMALBACH–LUBECA BEVERAGE CANS UNAUDITED COMBINED BALANCE SHEET

The following table reconciles from IAS to US GAAP the Schmalbach–Lubeca Beverage Cans unaudited combined balance sheet as of September 30, 2002. The amounts have been translated at a rate of \$0.9772 to €1.00.

Unaudited Pro Forma Condensed Combined Balance Sheet
September 30, 2002
(in millions)

	Schmalbach IAS (in €)	US GAAP Adjustments (in €)(1)	Schmalbach US GAAP (in €)	Reclassifications to Ball Presentation (in €)	Schmalbach US GAAP in Ball Presentation (in €)	Schmalbach US GAAP (in \$)
ASSETS						
Current assets						
Cash and cash equivalents	€ 40.4	€ —	€ 40.4	€ —	€ 40.4	\$ 39.5
Accounts receivable, trade	122.5	—	122.5	(122.5)	—	—
Accounts receivable, net	—	—	—	156.7	156.7	153.1
Inventories, net	97.9	—	97.9	—	97.9	95.7
Other receivables and assets	34.2	—	34.2	(34.2)	—	—
Deferred income tax benefit and prepaid expenses	—	—	—	44.0	44.0	43.0
Total current assets	295.0	—	295.0	44.0	339.0	331.3
Property, plant and equipment, net	320.6	136.0 (i) 2.6 (ii) 1.1 (iii) (17.4)(iv) (6.9)(v)	436.0	—	436.0	426.1
Intangible assets	127.7	470.3 (i) 4.0 (v) 5.8 (vi)	607.8	(607.8)	—	—
Shares in associated companies	0.1	—	0.1	(0.1)	—	—
Other financial assets	64.3	—	64.3	(64.3)	—	—
Goodwill	—	—	—	601.6	601.6	587.9
Deferred taxes	5.5	2.5 (vii)	8.0	(8.0)	—	—
Intangibles and other assets	—	20.7 (i)	20.7	34.6	55.3	54.0
Total assets	€ 813.2	€ 618.7	€ 1,431.9	€ —	€ 1,431.9	\$ 1,399.3
LIABILITIES AND SHAREHOLDERS' EQUITY						
Current liabilities						
Short-term debt and current portion of long-term debt	€ —	€ —	€ —	€ 78.1	€ 78.1	\$ 76.3
Accounts payable	—	—	—	136.7	136.7	133.6
Accrued employee costs and other current liabilities	—	—	—	197.1	197.1	192.6
Total current liabilities	—	—	—	411.9	411.9	402.5
Reserves and accrued liabilities						
Pension reserves and accruals for similar obligations	251.2	—	251.2	(251.2)	—	—
Accrued taxes	84.9	49.5 (i)	134.4	(134.4)	—	—
Other reserves and accrued liabilities	32.8	(1.3)(i)	31.5	(31.5)	—	—
Liabilities due to banks and bonds	368.9	48.2	417.1	(417.1)	—	—
Accounts payable, trade	93.1	3.1 (ii)	96.2	(96.2)	—	—
Other liabilities	136.6	—	136.6	(136.6)	—	—
Other liabilities	40.3	—	40.3	(40.3)	—	—
Deferred income	270.0	3.1	273.1	(273.1)	—	—
Long-term debt	0.6	—	0.6	(0.6)	—	—
Employee benefit obligations, deferred taxes and other liabilities	—	—	—	18.2	18.2	17.8
Employee benefit obligations, deferred taxes and other liabilities	—	—	—	260.7	260.7	254.8
Total liabilities	639.5	51.3	690.8	—	690.8	675.1
Minority interests	—	—	—	—	—	—
Shareholders' equity	173.7	567.4	741.1	(741.1)	—	—
Common stock	—	—	—	—	—	—
Retained earnings	—	—	—	741.1	741.1	724.2
Accumulated other comprehensive loss	—	—	—	—	—	—
Treasury stock	—	—	—	—	—	—
Total shareholders' equity	173.7	567.4	741.1	—	741.1	724.2
Total liabilities and Shareholders' equity	€ 813.2	€ 618.7	€ 1,431.9	€ —	€ 1,431.9	\$ 1,399.3

(1) Footnote explanations of reconciliation of IAS to US GAAP are included on page 45.

NOTES TO IAS TO US GAAP RECONCILIATION OF SCHMALBACH-LUBECA BEVERAGE CANS UNAUDITED BALANCE SHEET

- (i) Effective September 1, 2000, a new basis of accounting was established resulting from certain transactions consummated by Schmalbach's parent company. As a result of the establishment of this new basis of accounting, property, plant and equipment, intangible assets, inventories and goodwill were stepped-up at the date of the establishment of the new basis of accounting, net of any applicable depreciation or amortization.
- (ii) Certain operating leases have been capitalized in accordance with US GAAP.
- (iii) Financing costs related to significant plant and equipment construction projects have been capitalized in accordance with US GAAP.
- (iv) In December 2000, it was determined in accordance with IAS and US GAAP that an impairment charge was required for certain operating assets. In the fourth quarter of 2001, events occurred which impacted the expected future cash flows of these operating assets such that a restoration of the 2000 impairment loss was required in accordance with IAS. Under US GAAP, restoration of an impairment loss is not permitted. Therefore, the impairment loss has been reinstated and the resulting impact on the carrying value of the related operating assets has been added back in accordance with US GAAP.

(v)

In 2001, negative goodwill was recorded in connections with the acquisition of a production facility in La Ciotat, France. Under US GAAP, negative goodwill is not recorded. As a result, the negative goodwill has been reversed and a corresponding adjustment has been made to the carrying value of property, plant and equipment net of the effects of the difference in the depreciation of property, plant and equipment under US GAAP versus the amortization of the negative goodwill under IAS.

- (vi) Amortization of goodwill has been added back to goodwill in accordance with Statement of Financial Accounting Standard No. 142, which eliminates the amortization of goodwill.
- (vii) Current and deferred taxes have been provided on all adjustments at the applicable local statutory rate to which the adjustment relates.

45

SELECTED FINANCIAL DATA—BALL

The following table sets forth selected historical consolidated financial data for Ball. The selected historical consolidated financial data as of and for each of the five years in the period ended December 31, 2001 have been derived from Ball's audited consolidated financial statements. The selected historical consolidated financial data as of and for the nine months ended September 30, 2001 and September 29, 2002 have been derived from Ball's unaudited condensed consolidated financial statements. The historical consolidated results of Ball for these respective nine months are not necessarily indicative of the results of operations of Ball for the full years. The unaudited selected historical consolidated financial data reflect all adjustments (consisting of normal, recurring adjustments) which are, in the opinion of our management, necessary for a fair presentation of Ball's financial position, results of operations and cash flows as of and for the end of the periods presented.

The information contained in this table should be read in conjunction with "Management's Discussion and Analysis of Financial Condition and Results of Operations" and Ball's consolidated financial statements, including the related notes, appearing elsewhere in this prospectus.

	Year Ended December 31,					Nine Months Ended (Unaudited)	
	1997	1998	1999	2000	2001	September 30, 2001	September 29, 2002
(dollars in millions)							
Statement of Earnings Data:							
Net sales	\$ 2,464.5	\$ 2,995.7	\$ 3,707.2	\$ 3,664.7	\$ 3,686.1	\$ 2,843.1	\$ 2,948.7
Cost of sales(1)	2,098.0	2,537.7	3,111.0	3,067.1	3,142.2	2,426.7	2,475.4
Depreciation and amortization	117.5	145.0	162.9	159.1	152.5	114.7	109.0
Business consolidation costs and other	(9.0)	73.9	—	76.4	271.2	253.7	—
Selling and administrative	106.1	119.4	140.9	138.9	135.6	91.6	117.0
Receivable securitization fees and other	12.5	13.8	13.6	14.1	10.0	8.7	2.8
Earnings (loss) before interest and taxes	139.4	105.9	278.8	209.1	(25.4)	(52.3)	244.5
Net earnings (loss)	\$ 58.3	\$ 16.6(2)	\$ 104.2	\$ 68.2	\$ (99.2)	\$ (107.3)	\$ 127.4
Earnings (loss) per share(3):							
Basic	0.92	0.23(2)	1.68	1.13	(1.85)(4)	(1.99)(4)	2.26
Diluted	0.87	0.22(2)	1.58	1.07	(1.85)(4)	(1.99)(4)	2.21
Other Data:							
Interest expense	\$ 53.5	\$ 78.6	\$ 107.6	\$ 95.2	\$ 88.3	\$ 68.5	\$ 55.1
Cash flow from operations	143.5	387.1	306.0	176.5	320.8	104.5	251.4
Capital expenditures	97.7	84.2	107.0	98.7	68.5	49.5	87.7
Cash dividends per common share(3)	0.30	0.30	0.30	0.30	0.30	0.225	0.27
Ratio of earnings to fixed charges (unaudited)(5)	2.3x	1.3x	2.4x	1.9x	— (6)	— (6)	3.7x
Balance Sheet Data:							
Cash and cash equivalents	\$ 25.5	\$ 34.0	\$ 35.8	\$ 25.6	\$ 83.1	\$ 36.4	\$ 58.2
Working capital	(39.7)	198.0	225.7	310.2	218.8	327.4	155.8
Total assets	2,090.1	2,854.8	2,732.1	2,649.8	2,313.6	2,369.9	2,382.1
Total debt, including current maturities	773.1	1,356.6	1,196.7	1,137.3	1,064.1	1,121.6	1,023.0
Shareholders' equity	634.2	622.3	690.9	682.4	504.1	516.7	541.6

- (1) Excludes depreciation and amortization expense.
- (2) Net earnings for the year ended December 31, 1998, include: (a) \$12.1 million loss, net of tax, from the early extinguishment of debt, or \$(0.20) loss per basic share and \$(0.19) loss per diluted share; and (b) a \$3.3 million charge, net of tax, for the cumulative effect of an accounting change, or \$(0.05) loss per both basic and diluted share.
- (3) Share amounts have been retroactively restated for a two-for-one stock split which was effective on February 22, 2002.
- (4) The diluted loss per share is the same as the basic loss per share because the assumed exercise of stock options and conversion of Ball's employee stock ownership plan preferred stock would have been antidilutive.
- (5) The ratio of earnings to fixed charges is computed by dividing fixed charges into earnings before income taxes and minority interests plus fixed charges. Fixed charges consist of interest expense, amortization of financing costs, the estimated interest component of rent expense and dividends on preferred stock.
- (6) During the year ended December 31, 2001, and the nine months ended September 30, 2001, there was a deficiency of earnings to fixed charges of \$112.8 million and \$120.5 million, respectively.

46

SELECTED FINANCIAL DATA—SCHMALBACH-LUBECA BEVERAGE CANS

The following table sets forth selected historical combined financial data of Schmalbach-Lubeca Beverage Cans. The selected historical combined financial data as of and for each of the three years in the period ended December 31, 2001 have been derived from Schmalbach-Lubeca Beverage Cans' audited combined financial statements in accordance with IAS. The selected historical combined financial data as of and for the nine months ended September 30, 2001 and September 30, 2002 have been derived from Schmalbach-Lubeca Beverage Cans' unaudited condensed combined financial statements. The historical combined results of Schmalbach-Lubeca Beverage Cans for these respective nine months are not necessarily indicative of the results of operations of Schmalbach-Lubeca Beverage Cans for the full years. The unaudited selected historical combined financial data reflect all adjustments (consisting of normal, recurring adjustments) which are, in the opinion of management, necessary for a fair presentation of Schmalbach-Lubeca Beverage Cans' financial position, results of operations and cash flows as of and for the end of the periods presented.

Prior to July 1, 2002, Schmalbach-Lubeca AG, now known as Schmalbach-Lubeca GmbH, consisted of three operating segments—PET containers, White Cap closures and beverage cans. On July 1, 2002, Schmalbach sold both the PET and White Cap businesses. The Schmalbach-Lubeca Beverage Cans historical statements included herein represent the beverage can business and an allocated portion of the corporate headquarters function and exclude the businesses that were sold on July 1, 2002. The Schmalbach-Lubeca Beverage Cans combined financial statements include substantially all of the assets, liabilities, results of operations and cash flows attributable to the historical beverage can operations of Schmalbach in addition to an allocated portion of the corporate headquarters function and acquired assets and liabilities of Schmalbach. The combined statement of earnings includes all items of revenue and income generated by the beverage can operations and all items of expense directly incurred by it or charged to it. Certain corporate expenses, assets and liabilities were allocated to the combined financial statements. They include certain historical corporate activities of Schmalbach, relating to the beverage can business, which are not reflective of what the recurring operations of the business under Ball ownership and management will be.

The information contained in this table should be read in conjunction with "Management's Discussion and Analysis of Financial Condition and Results of Operations" and Schmalbach-Lubeca Beverage

47

Cans' combined financial statements, including the related notes, appearing elsewhere in this prospectus.

	Year Ended December 31,			Nine Months Ended September 30,	
	1999	2000	2001	2001	2002
(euros in millions)					
Statement of Earnings Data:					
Sales	€ 764.3	€ 869.2	€ 953.1	€ 716.2	€ 888.4
Cost of sales	624.2	735.5	777.9	574.6	663.1
Selling expenses	20.9	19.1	27.0	17.4	27.1
General and administrative expenses	42.2	45.5	46.2	37.0	34.3
Other operating income	(85.9)	(30.6)	(44.5)	(13.1)	(25.6)
Other operating expenses	41.4	44.8	32.5	20.7	41.9
Income before taxes and interest	121.5	54.9	114.0	79.6	147.6
Net income	€ 80.5	€ 14.1	€ 61.5	€ 42.0	€ 92.2
Other Operating Data:					
Depreciation and amortization	€ 59.5	€ 68.2	€ 58.0	€ 42.6	€ 45.9
Interest expense	21.2	28.4	29.7	21.4	14.0
Cash flow from operations	119.1	91.7	74.3	17.0	139.0
Capital expenditures	52.1	47.8	30.1	12.3	18.5
Balance Sheet Data (end of period):					
Cash and cash equivalents	€ 17.7	€ 2.1	€ 5.1	€ 34.8	€ 40.4
Working capital	(279.4)	(257.9)	(230.4)	(196.3)	(45.3)
Total assets	696.8	693.6	755.7	761.1	813.2
Total debt	277.5	247.1	240.9	275.3	93.0
Divisional equity	(83.0)	(63.7)	4.7	(21.2)	173.7

48

MANAGEMENT'S DISCUSSION AND ANALYSIS OF FINANCIAL CONDITION AND RESULTS OF OPERATIONS

Management's discussion and analysis should be read in conjunction with the respective financial statements of Ball and Schmalbach and the accompanying notes contained therein, each contained elsewhere in this prospectus.

Management's Discussion and Analysis of Financial Condition and Results of Operations of Ball

Overview of Ball Prior to the Transactions

Ball is a producer of metal and plastic packaging, primarily for beverages and food, and, through a wholly-owned subsidiary, supplies aerospace and other technology products and services for government and commercial uses. Ball's operations are organized along its product lines and include two segments—the packaging segment and the aerospace and technologies segment. The packaging segment includes metal container products used primarily in beverage and food packaging and PET (polyethylene terephthalate) plastic container products used principally in beverage packaging. Our packaging operations are located primarily in North America. In 2001, Ball reported net sales of \$3,686.1 million, a loss before interest and taxes of \$(25.4) million and a net loss of \$(99.2) million. These earnings amounts included charges of \$271.2 million (\$205.2 million after tax) for business consolidation activities, primarily related to Ball's PRC operations. In the nine months ended September 29, 2002, Ball reported net sales of \$2,948.7 million, earnings before interest and taxes of \$244.5 million and net earnings of \$127.4 million. Ball is listed on the New York Stock Exchange (ticker symbol "BLL").

The following discussion and analysis is based on our consolidated financial statements, which have been prepared in accordance with accounting principles generally accepted in the United States. The preparation of these financial statements requires us to make estimates and judgments that affect the reported amounts of assets, liabilities, revenues and expenses. We evaluate the appropriateness of these policies and estimates on an ongoing basis. Amounts recorded in our financial statements are based on the estimates of Ball management and actuaries and other third parties and were developed from information available at the time. Actual outcomes may vary from the estimates, and, as required, changes, if any, have been or will be reflected in current period earnings or, in the case of acquisitions, as a change in goodwill. Our accounting policies, including those we consider critical, are discussed in Note 1 to Ball's consolidated financial statements. The acquisition will have a significant impact on our future operating results and financial condition, and may result in the addition of critical accounting policies.

Comparison of Nine Months ended September 29, 2002 and September 30, 2001

Packaging Sales and Earnings

The packaging segment includes the manufacture and sale of metal containers used primarily in beverage and food packaging and PET (polyethylene terephthalate) plastic containers used principally in beverage packaging. Our consolidated packaging operations are located in and serve North America and the People's Republic of China (PRC). We also have investments in packaging companies in the U.S., the PRC, Brazil and Thailand, which are accounted for using the equity method of accounting, and accordingly, those results are not included in segment earnings or assets. Packaging segment sales in the third quarter and first nine months of 2002 were 3% and 2% higher, respectively, than in the same periods of 2001. Operating margins improved to 10% and 9.2% in the third quarter and first nine months of 2002 from 8.3% and 7.7% in the same periods in 2001, excluding the business consolidations charge recorded in the second quarter of 2001. The improvements reflect improved operating results in China, largely due to Ball's restructuring actions taken in 2001, general improvement in Ball's PET

product line and price increases and lower per unit costs due to higher production volume in the metal beverage can product line.

North American metal beverage container sales, which represented approximately 65% of segment sales in the third quarter of 2002 were 4% higher than in the third quarter of 2001. In the first nine months, metal beverage container sales represented 67% of segment sales and were approximately 3% higher than in the same period in 2001. The increased sales were largely due to price increases and Ball's agreement with Coors Brewing Company (Coors) under which substantially all of Coors' can requirements for its Shenandoah, Virginia, and Memphis, Tennessee, filling locations are manufactured at Ball facilities and sold to Coors. Sales under this agreement began in the first quarter of 2002. Operating margins in this product line were higher as a result of plants operating at near full capacity coupled with improved sales prices.

Through a 50/50 joint venture, which is accounted for as an equity investment, Ball and Coors operate Coors' can and end facilities in Golden, Colorado. The joint venture supplies Coors with approximately 3.5 billion beverage cans and ends annually for its Golden, Colorado, brewery under agreements which commenced in January 2002.

North American metal food container sales, which comprised approximately 21% of segment sales in the third quarter and approximately 19% in the first nine months of 2002, were essentially flat compared to those in 2001, which were at record levels. These results were achieved despite a combination of droughts and floods in the U.S., which negatively impacted our fruit and vegetable processor customers, and the lowest salmon pack in the Pacific Northwest in over a decade. Operating margins were lower largely due to product mix. We anticipate that full-year 2002 earnings will be lower than 2001's record results as a result of these conditions, as well as the start-up costs associated with a new two-piece food can production line in our Milwaukee plant (as discussed below).

We have signed a new multi-year contract with Abbott Laboratories' Ross Products Division (Ross), the makers of a broad range of infant formulas. Ross will exit a portion of its self-manufacturing operations in early 2003. To accommodate this new business and convert existing three-piece food can customers to two-piece cans, we are adding a new two-piece steel can line in our Milwaukee plant capable of producing approximately 1.2 billion cans per year, as well as a new 225,000-square-foot warehouse addition. These capital additions are scheduled for completion in early 2003 and are expected to cost approximately \$43 million.

Plastic container sales, approximately 11% of segment sales in 2002, were 24% higher in the third quarter of 2002 compared to 2001 and 23% higher in the first nine months. The increase in sales, which are predominantly to water and carbonated soft drink customers, was driven by internal growth as well as our acquisition of Wis-Pak Plastics, Inc. (Wis-Pak) in December 2001. Overall operating margins also improved as a result of lower energy, freight and warehousing costs, although in the third quarter we experienced higher operating costs and increased freight between plants as a result of extremely low inventory levels. Four new plastic bottle blow molding production lines have been added to our facilities to help meet the increased demand.

Sales were lower in the PRC in the first nine months of 2002 due to the shutdown and sale of the general line can business and other PRC restructuring efforts in the second half of 2001. However, earnings before and interest and taxes improved by more than \$6 million in the first nine months of 2002 due to the business consolidation actions taken during 2001.

Aerospace and Technologies Sales and Earnings

Sales in the aerospace and technologies segment were 9% and 16% higher in the third quarter and first nine months of 2002, compared to the same periods in 2001, primarily in defense and civil space

operations. The increase is due to a combination of newly awarded contracts and additions to previously awarded contracts. Ball has recently been selected as part of a team to build NASA's James Webb Space Telescope. The improvement in operating earnings for the first nine months compared to the same period in 2001 was primarily the result of the strong sales, which were driven by growth in our U.S. government business, and by the disposition of two unprofitable aerospace product lines in 2001. Backlog at the end of the third quarter of 2002 was approximately \$405 million compared to a backlog of \$431 million at the end of 2001 and \$353 million at September 30, 2001. Year-to-year comparisons of backlog are not necessarily indicative of the trend of future operations.

For additional information on our segment operations, see the Business Segment Information in Note 3 accompanying the consolidated financial statements.

Selling and Administrative Expenses

Selling and administrative expenses were \$41.3 million in the third quarter and \$117 million in the first nine months of 2002 compared to \$30.7 million and \$91.6 for the same periods of 2001, respectively. The increase is primarily the result of higher employee incentives, increased medical costs and a 401(k) plan match, which replaced the preference dividend related to Ball's leveraged employee stock ownership plan that expired at the end of 2001. Included in employee incentive costs was \$3.9 million of higher expense associated with Ball's deposit share program, which is discussed in further detail in Note 11 to the consolidated financial statements. In addition, during the third quarter, we reduced our U.S. pension plan asset return assumptions to a long-term rate of 9%. The change in the return on pension asset assumption will result in approximately \$3.7 million higher pension expense for the year, of which \$1.9 million was recorded in the third quarter.

Interest and Taxes

Consolidated interest expense was \$18.8 million and \$55.1 million for the third quarter and first nine months of 2002, respectively, compared to \$21.6 million and \$68.5 million for the same periods in 2001, respectively. Lower interest costs were attributable to lower interest rates and borrowings in 2002. Ball's consolidated average borrowing rate decreased to 6.8% for the first nine months of 2002 versus 7.4% in the first nine of months of 2001.

The consolidated effective income tax rate was 35% in the first nine months of 2002 compared to 9.4% in 2001. Excluding the effect of business consolidation costs in 2001, Ball's effective income tax rate was 35%. The lower rate of 9% on the loss in the first nine months of 2001 reflected the impact of currently nondeductible goodwill as well as

currently unrealized capital losses included in the second quarter 2001 charge for business consolidation costs in the PRC.

Results of Equity Affiliates

Equity in the net results of affiliates is largely attributable to our 50% ownership in packaging investments in North America and Brazil and, to a lesser extent, an aerospace business and our minority owned packaging investments in the PRC and Thailand. Earnings of \$5.7 million in the first nine months of 2002 were higher compared to \$1.5 million for the same period in 2001, with improvements seen in all equity affiliates year over year, except in Brazil where earnings were negatively impacted primarily by foreign currency devaluations.

Other Items

Ball closed one of the two plants it acquired in the acquisition of Wis-Pak and is in the process of consolidating its operations with an existing plastic bottle plant. The after-tax cash costs associated with this closure are estimated to be less than \$1 million.

51

In 2001 we announced a plan to exit the general line metal can business in the PRC and to further reduce our PRC beverage can manufacturing capacity by closing two plants. We have since sold the general line business, closed one beverage can plant and are in the process of closing the second. Based on current estimates, positive cash flow of approximately \$29 million, including tax recoveries, is expected upon the completion of this reorganization plan. Also in June 2001, we ceased operations in two commercial developmental product lines in our aerospace and technologies business. These actions combined helped improve operating earnings by approximately \$10 million in the first nine months of 2002 compared to the same period in 2001. In mid-December 2001 we closed the Moultrie, Georgia, beverage can plant. To effect these actions, pre-tax charges totaling \$271.2 million were recorded in 2001.

The amounts recorded were based on the estimates of Ball management and actuaries and other third parties and were developed from information available at the time. Actual outcomes may vary from the estimates, and, as required, changes, if any, have been or will be reflected in current period earnings or, in the case of the Wis-Pak acquisition, as a reduction of goodwill. Additional details about our business consolidation and acquisition-related activities and associated costs are provided in Note 5 accompanying the consolidated financial statements.

Financial Condition, Liquidity And Capital Resources

Cash flow from operations for the first nine months of 2002 was \$251.4 million, a significant improvement over \$104.5 million for the same period in 2001. The improvements in 2002 reflected planned inventory reductions, changes in accounts payable terms and \$35 million from the sale of additional accounts receivable in accordance with Ball's receivables sales agreement discussed below. Capital spending of \$87.7 million in the first nine months of 2002 was below depreciation and amortization expense of \$109 million. In September 2002, we purchased previously leased plant and equipment assets for a total of \$43.1 million. Capital spending is expected to be between \$150 million and \$160 million for the year, with increased spending in the metal food and PET product lines for new production capacity necessitated by increased demand. Anticipated capital expenditures after the acquisition are expected to be between \$180 million and \$200 million for the combined businesses for the 12 months ended September 2003.

Total debt decreased to \$1,023 million at September 29, 2002, compared to \$1,064.1 million at December 31, 2001. At September 29, 2002, approximately \$459 million was available under the revolving credit facility portion of the Senior Credit Facility. We notified our lenders in mid-July that based on our financing needs, we no longer needed the \$125 million short-term portion of the revolver as we have adequate funds available under the long-term portion. Ball Asia Pacific Holdings Limited and its consolidated subsidiaries had short-term uncommitted credit facilities of approximately \$82 million at the end of the third quarter, of which \$52.1 million was outstanding.

Management and Ball's actuaries are currently assessing the funded status of our pension plans in light of overall market conditions and performance. Based on preliminary estimates, we anticipate that we will make additional contributions to our plans during the fourth quarter of 2002. Additionally, for certain plans we may need to record on the consolidated balance sheet additional minimum liability adjustments at December 31, 2002. These amounts, if any, will be recorded as an increase in long-term liabilities and a reduction of shareholders' equity on the consolidated balance sheet.

A receivables sales agreement provides for the ongoing, revolving sale of a designated pool of trade accounts receivable of Ball's U.S. packaging operations. In June 2002 the designated pool of receivables was increased to provide for sales of up to \$175 million from the previous amount of \$125 million. Net funds received from the sale of the accounts receivable totaled \$157.5 million at September 29, 2002, and \$122.5 million at September 30, 2001, and are expected to be approximately \$122.5 million at December 31, 2002.

52

Ball was not in default of any loan agreement at September 29, 2002, and has met all debt payment obligations.

Comparison of Years Ended December 31, 2001, 2000 and 1999

Packaging Sales and Earnings

North American metal beverage container sales, which represented approximately 67% of packaging segment sales in 2001, were 3% lower than in 2000. The decrease was due to lower soft drink container shipments and lower selling prices. While manufacturing cost controls have yielded favorable results, operating margins were lower due to lower beverage can selling prices and higher unit costs as a result of planned inventory reductions. In mid-December 2001, we ceased production at the Moultrie, Georgia, beverage can plant; its production of one billion cans per year is expected to be consolidated into other Ball plants. Based on publicly available industry information, we estimate that shipments in 2001 for our metal beverage container product line were approximately 31% of total U.S. and Canadian shipments, compared to 32% in 2000.

The 3% decrease in 2000 sales compared to those in 1999 was due to lower shipments, partially offset by higher aluminum prices passed through to customers. During the first quarter of 2000, we closed a beverage can plant in Tampa and began operation of a new, high-speed production line in a second plant in Tampa. At the end of the second quarter of 2000, we closed another beverage can plant in the Southeast due to industry overcapacity and unattractive pricing. Near the end of 2000, a beverage can manufacturing line in British Columbia was decommissioned.

On January 1, 2002, we entered into a 50/50 joint venture agreement with Coors Brewing Company for the manufacture and supply of essentially all of the 3.5 billion beverage cans and ends used by Coors annually. Ball will account for the joint venture under the equity method of accounting. Ball also receives management fees and technology licensing fees from the joint venture. In addition to beverage cans supplied to Coors from the joint venture, Ball will supply Coors with beverage cans manufactured in other wholly-owned Ball facilities.

North American metal food container sales, which comprised approximately 19% of packaging segment sales in 2001, were 8% higher than those in 2000 and 10% higher than in 1999. Sales in 2001 reflected volume gains from several customers, including ConAgra Grocery Products Company, and strong sales of salmon and pre-season vegetable cans. The increase in 2000 from 1999 was primarily the result of volume gains. We estimate our 2001 shipments of 5.6 billion cans to be approximately 17% of total U.S. and Canadian metal food container shipments, based on publicly available industry information.

Plastic bottle sales, approximately 9% of packaging segment sales in 2001, increased 10% from 2000 sales, which were higher than 1999 sales by 4%. Plastic bottle sales are predominantly to water and carbonated soft drink customers. Shipments were significantly higher in 2001 than in 2000 although selling prices were lower. This product line has also experienced higher than planned freight, warehousing and utility costs, particularly on the West Coast, resulting in lower operating margins in 2001. The 2000 sales increase compared to 1999 was due to the pass-through of higher resin prices.

International packaging sales are comprised of the sales within the PRC as well as revenues from technical services provided to Ball licensees. Sales and operating margins in the PRC were lower in 2001 due to the weak market there as well as the business consolidation actions being taken. See the discussion under "Other Items" for information regarding our China operations.

Aerospace and Technologies Sales and Earnings

Sales in the aerospace and technologies segment were 15% higher than in 2000, due in part to customer requested acceleration of certain programs into 2001 from 2002. Excluding the charge to exit

53

product lines discussed under "Other Items," as well as a favorable Employee Stock Ownership Plan (ESOP) litigation settlement in 2000, the improvement in operating margins was due to strong sales in our U.S. government business. The aerospace and technologies segment had lower sales in 2000 compared to 1999 as a result of the completion of some programs and delays in the start-up and funding of new programs. Despite the decrease in sales and excluding the favorable ESOP litigation settlement, earnings in 2000 were higher as a result of better than anticipated margins at the completion of certain long-term contracts.

Sales to the U.S. government, either directly as a prime contractor or indirectly as a subcontractor, represented approximately 92%, 85% and 86% of aerospace and technologies segment sales in 2001, 2000 and 1999, respectively. Consolidation in the industry continues, and there is strong competition for business. Backlog for the aerospace and technologies segment at December 31, 2001 and 2000, was approximately \$431 million and \$351 million, respectively. Year-to-year comparisons of backlog are not necessarily indicative of the trend of future operations.

Selling and Administrative Expenses

Selling and administrative expenses were \$135.6 million, \$138.9 million and \$140.9 million for 2001, 2000 and 1999, respectively. Lower expenses in 2001 compared to 2000 were largely related to lower performance-based compensation. Higher selling and administrative expenses in 1999 reflect, in large part, \$4.7 million of performance-based compensation recorded in connection with a program that has since ended.

Interest and Taxes

Consolidated interest expense was \$88.3 million in 2001 compared to \$95.2 million in 2000 and \$107.6 million in 1999. The decrease in 2001 was attributable to lower interest rates and borrowings, partially offset by lower capitalized interest. The 2000 decrease compared to 1999 was the result of a lower level of average borrowings during the year, as well as higher capitalization of interest, largely in connection with our Tampa plant expansion, offset by higher short-term interest rates. We maintained a higher percentage of long-term debt at lower fixed rates in 2000 as a result of fixing certain previously floating rate debt through the use of financial instruments.

Ball's consolidated effective income tax benefit rate for 2001 was 8.6% as compared to the provision of 37.6% in 2000 and 37.9% in 1999. The decreased benefit in 2001, compared to that calculated using the federal statutory rate of 35%, is primarily the result of the taxable characteristics of the China restructuring, in particular nondeductible goodwill. Excluding the effects of the restructuring in both 2001 and 2000, and the ESOP settlement in 2000, the effective income tax rate would have been approximately 35% for both years. The lower 2001 and 2000 adjusted effective tax rate as compared to 1999 is primarily the result of the favorable effects of implementing strategies which have reduced overall state taxes and negative effects of foreign operations.

Results of Equity Affiliates

Equity in the earnings of affiliates is attributable to our 50% ownership investment in Brazil and, to a lesser extent, our minority-owned investments in the PRC and Thailand. Earnings were \$4 million in 2001 compared to losses of \$3.9 million and \$0.2 million in 2000 and 1999, respectively. The equity earnings improvement in 2001 was due to our operations in Brazil. Brazil's losses in 2000 were the result of the unfavorable effect of foreign currency transactions, while losses in the PRC reflected the continued effects of excess capacity in the industry, coupled with higher metal costs relative to the previous year and the impact of business consolidation costs. Operations in Thailand incurred a small loss in all three years.

54

Other Items

We took a number of actions in 2001 to address overcapacity in the industries in which we operate and to improve production efficiencies. In the first quarter of 2001, we began an extensive review of options available to us in connection with our investment in the PRC. Based upon that review, we announced in June 2001 a plan to exit the general line metal can business in the PRC and to further reduce our PRC beverage can manufacturing capacity by closing two plants. We have since sold the general line business, closed one beverage can plant and are in the process of closing the second. Based on current estimates, positive cash flow of approximately \$29 million, after tax recoveries, is expected upon the completion of this reorganization plan. Also in June 2001, we ceased operations in two commercial developmental product lines in our aerospace and technologies business. In mid-December 2001, we closed our Moultrie, Georgia, beverage can plant. To effect these actions, pre-tax charges totaling \$271.2 million were recorded in 2001.

Actions taken during 2000 resulted in a charge in the second quarter for packaging business consolidation and investment exit activities. The charge included costs associated with the closure of two beverage can facilities, the elimination of a beverage can production line and the write-down to net realizable value of certain international equity investments.

The charges recorded were based on the estimates of Ball management, actuaries and other independent parties and were developed from information available at the time. Actual outcomes may vary from the estimates, and, as required, changes, if any, have been or will be reflected in current period earnings or as a reduction of goodwill.

During the second quarter of 2000, we favorably resolved certain state and federal tax matters related to prior years that reduced the overall tax provision by \$2.3 million.

In 2000 the Armed Services Board of Contract Appeals sustained our claim to recoverability of costs associated with our ESOP for fiscal years beginning in 1989. As a result, in the third quarter of 2000 we recognized earnings of approximately \$7 million (\$4.3 million after tax) related to this matter.

Financial Condition, Liquidity and Capital Resources

Cash flows from operating activities were \$320.8 million in 2001 compared to \$176.5 million in 2000 and \$306 million in 1999. The increase in 2001 from 2000 was due to planned inventory reductions and lower accounts receivable, partially offset by a decrease in accounts payable. The decrease in 2000 from 1999 was primarily the result of higher accounts receivable and inventory balances. Free cash flow is the cash remaining from operations reduced by capital spending. We focus on increasing free cash flow as an element in our effort to achieve our primary objective of maximizing shareholder value. The consolidated statements of our cash flows are summarized as follows:

	2001	2000	1999
	(\$ in millions)		
Operating cash flows	\$ 320.8	\$ 176.5	\$ 306.0
Capital spending	(68.5)	(98.7)	(107.0)
Free cash flow	252.3	77.8	199.0
Acquisitions of previously leased assets and a PET manufacturing business	(77.9)	—	—
Debt repayments	(62.3)	(48.0)	(151.1)
Share repurchases, net of issuances	(53.8)	(60.9)	(35.5)
Common and preferred dividends	(20.4)	(21.6)	(22.5)
Other	19.6	42.5	11.9
Net change in cash and cash equivalents	\$ 57.5	\$ (10.2)	\$ 1.8

55

Capital expenditures, excluding the effects of business acquisitions and lease buyouts, were \$68.5 million, \$98.7 million and \$107 million in 2001, 2000 and 1999, respectively.

Cash payments required for debt maturities and rental payments under noncancellable operating leases in effect at December 31, 2001, are \$97.6 million, \$109.7 million, \$114.7 million, \$15.4 million and \$488.3 million for the years 2002 through 2006, respectively, and \$268.6 million combined for all years thereafter.

Debt at December 31, 2001, decreased \$73.2 million to \$1,064.1 million from \$1,137.3 million at year end 2000, while cash and cash equivalents increased by \$57.5 million. Consolidated debt-to-total capitalization increased to 67.4% at December 31, 2001, from 62% at year end 2000. Capitalization, which we define as the total of debt, minority interests and shareholders' equity, decreased during 2001 due largely to the charges taken in June and December for business consolidation activities as well as our repurchase of Ball common shares. At December 31, 2001, approximately \$596 million was available under the revolving credit facility portion of the Senior Credit Facility. Ball Asia Pacific Holdings Limited and its consolidated subsidiaries had non-recourse short-term uncommitted credit facilities of approximately \$87 million at the end of the year, of which \$48 million was outstanding.

A receivables sales agreement provides for the ongoing, revolving sale of a designated pool of trade accounts receivable of Ball's U.S. packaging operations, up to \$125 million (increased to \$175 million in 2002). Net funds received from the sale of the accounts receivable totaled \$122.5 million at December 31, 2001 and 2000, and are reflected as a reduction of accounts receivable in the consolidated balance sheet. In November 2001, we amended the restrictions in our financing agreements to allow for the sale of up to \$200 million of designated accounts receivable.

We were not in default of any loan agreement at December 31, 2001, and have met all payment obligations. The U.S. note agreements, bank credit agreement and industrial development revenue bond agreements contain certain restrictions relating to dividends, investments, financial ratios, guarantees and the incurrence of additional debt.

Annual cash dividends paid on common stock in 2001, 2000 and 1999 were 30 cents per share each year.

Financial Instruments and Risk Management

In the ordinary course of business, we employ established risk management policies and procedures to reduce our exposure to commodity price changes, changes in interest rates, fluctuations in foreign currencies and our common share repurchase program.

Effective January 1, 2001, we adopted Statement of Financial Accounting Standards (SFAS) No. 133, "Accounting for Derivative Instruments and Hedging Activities," and SFAS No. 138, an amendment of SFAS No. 133. These statements establish accounting and reporting standards for derivative instruments, including certain derivative instruments embedded in other contracts, and for hedging activities. All derivative instruments, whether designated in hedging relationships or not, are required to be recorded on the balance sheet at fair value. The effective portions of changes in the fair value of derivative instruments designated as cash flow hedges are recorded in other comprehensive earnings and are recognized in earnings when the hedged item affects earnings. Ineffective portions of changes in the fair value of cash flow hedges are recognized in current period earnings.

We have estimated our market risk exposure using sensitivity analysis. Market risk exposure has been defined as the changes in fair value of a derivative instrument assuming a hypothetical 100 basis point adverse change in interest rates. The results of the sensitivity analyses as of September 29, 2002, did not differ materially from the amounts reported as of December 31, 2001. Actual changes in market prices or rates may differ from hypothetical changes.

56

Commodity Price Risk

We manage our commodity price risk in connection with market price fluctuations of aluminum primarily by entering into can and end sales contracts, which include aluminum-based pricing terms that consider price fluctuations under our commercial supply contracts for aluminum purchases. The terms include "band" pricing where there is an upper and lower limit, a fixed price or only an upper limit to the aluminum component pricing. This matched pricing affects substantially all of our North American metal beverage packaging net sales. We also, at times, use certain derivative instruments such as option and forward contracts as cash flow hedges of commodity price risk. Outstanding contracts at the end of the third quarter expire in less than one year and up to two years. Included in shareholders' equity at September 29, 2002, within accumulated other comprehensive loss, is approximately \$18 million of net loss associated with these contracts of which approximately \$8 million of loss is expected to be recognized in the consolidated statement of earnings during 2003 and \$10 million of loss in 2004. These amounts will be offset completely in both periods by higher revenue from customer fixed price sales contracts and will therefore have no effect on our consolidated net earnings.

Considering the effects of derivative instruments, the market's ability to accept price increases and our commodity price exposures to aluminum, a hypothetical 10% adverse change in our aluminum prices could have an estimated \$1 million impact on earnings over a one-year period. Actual results may vary based on actual changes in market prices and rates.

Steel can sales contracts incorporate annually negotiated metal costs, and plastic container sales contracts include provisions to pass through resin costs changes. As a result, we believe we have minimal, if any, exposure related to changes in the costs of these commodities.

Interest Rate Risk

Our objective in managing exposure to interest rate changes is to limit the impact of interest rate changes on earnings and cash flows and to lower our overall borrowing costs. To achieve these objectives, we use a variety of interest rate swaps, collars and options to manage our mix of floating and fixed-rate debt. Interest rate instruments held by us at September 29, 2002, included pay-floating and pay-fixed interest rate swaps and swaption contracts. Pay-fixed swaps effectively convert variable rate obligations to fixed rate instruments. Pay-floating swaps effectively convert fixed-rate obligations to variable rate instruments. Swap agreements expire at various times up to four years. Although these instruments involve varying degrees of credit and interest risk, the counter parties to the agreements are financial institutions, which are expected to perform fully under the terms of the agreements. Approximately \$2 million of mark-to-market loss associated with these contracts is included in other accumulated comprehensive loss at September 29, 2002, the majority of which is expected to be recognized in the consolidated statement of earnings during the remainder of 2002.

Based on our interest rate exposure at September 29, 2002, assumed floating rate debt levels throughout 2002 and the effects of derivative instruments, a 100 basis point change in interest rates could have an estimated \$2 million impact on net earnings over a one-year period. Actual results may vary based on actual changes in market prices and rates and the timing of these changes.

Exchange Rate Risk

Our objective in managing exposure to foreign currency fluctuations is to protect foreign cash flow and reduce earnings volatility associated with foreign exchange rate changes through the use of cash flow hedges. Our primary foreign currency risk exposures result from the strengthening of the U.S. dollar against the Hong Kong dollar, Canadian dollar, Chinese renminbi, Thai baht and Brazilian real. We face currency exposures in our global operations as a result of maintaining U.S. dollar debt and payables in these foreign countries. We use forward contracts to manage our foreign currency exposures and, as a result, gains and losses on these derivative positions offset, in part, the impact of currency

57

fluctuations on the existing assets and liabilities. Contracts outstanding at the end of the third quarter expire in less than one year and their fair value was not significant.

Considering our derivative financial instruments outstanding at September 29, 2002, and the currency exposures, a hypothetical 10% unfavorable change in the exchange rates compared to the U.S. dollar could have an estimated \$2 million impact on earnings over a one-year period. Actual changes in market prices or rates may differ from hypothetical changes.

Shareholders' Equity

In connection with our ongoing share repurchase program, from time to time we sell put options which give the purchaser of those options the right to sell shares of our common stock to us on specified dates at specified prices upon the exercise of those options. The put option contracts allow us to determine the method of settlement, either in cash or shares. As such, the contracts are considered equity instruments and changes in the fair value are not recognized in our financial statements. Our objective in selling put options is to lower the average purchase price of acquired shares in connection with our ongoing share repurchases. At September 29, 2002, there were put option contracts outstanding for 125,000 shares at an average price of \$34.23 per share. Also in connection with the share repurchase program, in 2001 we entered into a forward share repurchase agreement to purchase shares of our common stock. In January 2002, we purchased 736,800 shares under this agreement at an average price of \$33.58 per share and in July 2002 we purchased an additional 195,600 shares at an average price of \$45.49. We also entered into a share repurchase agreement during 2000 under which we purchased 1,021,000 shares in January 2001 at an average price of \$17.58 per share.

Contingencies

We are subject to various risks and uncertainties in the ordinary course of business due, in part, to the competitive nature of the industries in which we participate, our operations in developing markets outside the U.S., changing commodity prices for the materials used in the manufacture of our products and changing capital markets. Where practicable, we attempt to reduce these risks and uncertainties through the establishment of risk management policies and procedures, including, at times, the use of derivative financial instruments as explained above.

From time to time, we are subject to routine litigation incident to our business. Additionally, the U.S. Environmental Protection Agency has designated us as a potentially responsible party, along with numerous other companies, for the cleanup of several hazardous waste sites. Our information at this time does not indicate that these matters will have a material adverse effect upon our liquidity, results of operations or financial condition.

The preparation of financial statements in conformity with generally accepted accounting principles requires management to make estimates and assumptions that affect the reported amounts of assets and liabilities, the disclosure of contingencies at the date of the financial statements and the reported amounts of revenues and expenses during the reporting period. Future events could affect these estimates.

The U.S. economy and Ball have experienced minor general inflation during the past several years. Management believes that evaluation of our performance during the periods covered by these consolidated financial statements should be based upon historical financial statements.

58

Management's Discussion and Analysis of Financial Condition and Results of Operations of Schmalbach

Overview of Schmalbach Prior to the Transactions

Schmalbach is the second largest manufacturer of metal beverage containers in Europe. Its 12 plants, which include two end plants, can produce over 12 billion containers annually. Leading producers of beer, soft drinks and other beverages, including Coca-Cola, Britvic (Pepsi), Coors, Heineken, Interbrew and South African Breweries represent substantially all of Schmalbach's customers. Schmalbach has been a leader in developing beverage can innovations, including dummy ends, down gauging, the Aseptic Beverage Can, digital printing technology, reclosable ends and the "widget" for "draft quality" beverages. Schmalbach had 2001 sales of €953.1 million and income from operating activities of €114.0 million. For the nine months ended September 30, 2002, Schmalbach's sales were €888.4 million and income from operating activities was €147.6 million. These amounts were prepared in accordance with IAS.

Prior to July 1, 2002, Schmalbach-Lubeca AG, now known as Schmalbach-Lubeca GmbH, consisted of three operating segments—PET containers, White Cap closures and beverage cans. On July 1, 2002, Schmalbach sold both the PET and White Cap businesses. The following discussion and analysis is based on the Schmalbach-Lubeca Beverage Cans historical financial statements, which represent the beverage can business and an allocated portion of the corporate headquarters function and exclude the businesses that were sold on July 1, 2002. The Schmalbach-Lubeca Beverage Cans combined financial statements include substantially all of the assets, liabilities, results of operations and cash flows attributable to the historical beverage can operations of Schmalbach in addition to an allocated portion of the corporate headquarters function and acquired assets and liabilities of Schmalbach. The combined statement of earnings includes all items of revenue and income generated by the beverage can operations and all items of expense directly incurred by it or charged to it. Certain corporate expenses, assets and liabilities were allocated to the combined financial statements. They include certain historical corporate activities of Schmalbach, relating to the beverage can business, which are not reflective of what the recurring operations of the business under Ball ownership and management will be.

Comparison of Nine Months Ended September 30, 2002 and 2001

Sales and Earnings

Sales in the Schmalbach beverage can product line increased 24% in the first nine months of 2002 to €888.4 million from €716.2 million in the first nine months of 2001.

The increase in 2002 was largely attributable to the additional sales associated with two new plants acquired from Rexam in October 2001. The two new plants, located in Southern France and in the United Kingdom, contributed to increased market share with approximately 1.9 billion cans, on an annual basis, and the existing two can end production facilities shipped an additional 1.8 billion ends in connection with the increase in can sales. Also contributing to the increased sales were the installation of a second line in Poland, which is now running at full speed after the initial start-up phase, and an overall growth in the European beverage can market of more than 4%.

The acquisition of two new plants was a principal reason for Schmalbach's share in the European beverage can market increasing from 27% in 2001 to 31% in 2002. The increase resulted in higher capacity utilization at all plants. Production volumes were redistributed based on locations of customers in order to minimize freight costs.

Operating margins for the beverage can business, excluding corporate overhead, improved from 13.1% for the first nine months of 2001 to 17.3% in the first nine months of 2002. This was mainly due to higher sales of cans and ends and overall improved capacity utilization. The improvement also came from lower raw material costs, in particular global market prices of aluminum, and further success in

down-gauging programs. An improved organization, which is more focused on cost management, also contributed to the improved operating margin.

Financial Condition, Liquidity and Capital Resources

Cash flow from operations totaled €139 million in the first nine months of 2002 compared to €17 million in the same period of 2001, an improvement attributable to the increased operating results for the first nine months of 2002. The addition of new business associated with the two plants acquired in October 2001 increased average working capital for 2002, but was partially offset by a decrease in days on hand in inventory.

Capital expenditures in Schmalbach's beverage can product group during the first nine months of 2002 were €6.2 million higher than those for the same period in 2001. The increase was primarily related to two projects occurring in the first half of 2002: increasing the speed of the lines in the Polish plant and construction of a warehouse directly attached to the Poland plant in order to improve logistics as a result of the plant's higher output. Additional spending was done to improve production and capacity of the end plants to help meet increased demand. Capital expenditures are expected to be approximately €40 to €50 million for the 12 months ended September 2003 primarily for upspeeding projects in certain plants and normal ongoing capital expenditures.

Comparison of Years Ended December 31, 2001, 2000 and 1999

Sales and Earnings

Sales in the beverage can product line were €953.1 million in 2001, €869.2 million in 2000 and €764.3 million in 1999.

The 10% increase in sales in 2001 was attributable mainly to additional sales associated with two new plants acquired from Rexam in October 2001. The two new plants, located in Southern France and the United Kingdom, have helped Schmalbach gain entry into the growing Southern European market and have enhanced its presence in the United Kingdom with increased capacity utilization for end production. The increase was further attributable to strong sales in Poland, where Schmalbach experienced double-digit growth in sales for the second consecutive year. The increase in sales was slightly offset by the sale of a plant in the Czech Republic, which resulted in the redistribution of capacity to other plants and an improvement in operating margins.

The 14% increase in sales from 1999 to 2000 was largely due to the increased demand for beverage cans in Eastern Europe and Germany. Schmalbach was able to capitalize on the growth in the Eastern European market, as well as gain market share, as a result of its expanded production capacity at its Polish plant. The European Soccer Championship helped to increase demand in general during the summer months of 2000.

Operating margins improved in 2001 compared to 2000, due largely to higher sales, as well as a favorable product mix. Offsetting this improvement were increased material costs which could only be partially passed through to the customer. More effective cost management and more efficient line capacity utilization had a positive impact on results in

Germany. A second line in Poland contributed to better earnings, despite being hampered by competitive pricing pressures.

Operating margins in 2000 were slightly lower than in 1999 with the favorable effects of higher sales and an improved product mix being negatively impacted by increased material costs and downward pressure on prices due to competition. In addition, during the construction of a second production line in Poland during the first six months of 2000, a large amount of sales to Polish customers were filled from Schmalbach plants in other countries, resulting in higher freight costs.

60

Financial Condition, Liquidity and Capital Resources

Despite the strengthening of the U.S. dollar by 5%, working capital at the end of 2001 was lower than at the end of 2000 due to Schmalbach's cash management and lower accounts receivable as a result of expanding its securitization programs. A cautious investment policy also contributed to a positive cash flow. Through cash flows from operations, Schmalbach was able to repay a significant portion of its bank debt.

Major capital expenditure projects during 2001 included the modernization of can end manufacturing in manufacturing facilities in Germany and in the United Kingdom, as well as the upgrade of production facilities to down-gauge beverage cans at various locations. In part due to the latter project, steel consumption decreased by approximately 3% compared to the prior year. Capital expenditures were €30.1 million, €47.8 million and €52.1 million in 2001, 2000 and 1999, respectively. The principal capital expenditures in these periods, other than normal maintenance capital expenditures, included €28.8 million in 1999 to rebuild the Hassloch plant which was damaged by fire and €11.4 million in 2000 to install a second line in Poland.

Financial Instruments and Risk Management

Schmalbach utilizes derivative instruments in accordance with internationally accepted accounting principles to hedge transactions and control risk. Under these principles, gains and losses generated from derivative transactions are offset against the gains and losses associated with the underlying transactions when a clear assignment of a derivative to such a transaction is documented (International Accounting Standards No. 39). If no clear relationship is established, changes in the fair values of the instruments are recognized in current period earnings. Although these derivative transactions involve varying degrees of credit and interest risk, the agreements are with financial institutions and other counter parties, which are expected to perform fully under the terms of the agreements.

Contracts outstanding at December 31, 2001, relating to aluminum hedging had underlying values totaling €48 million, representing futures transactions for 2003 and 2004.

Exchange rate hedging transactions are undertaken to stabilize the foreign currency rates for U.S. dollar loans to affiliated companies and purchases of aluminum in U.S. dollars.

Various interest rate instruments are used to minimize Schmalbach's exposure to interest rate fluctuations. Contracts outstanding at December 31, 2001, included interest caps, cross-currency swaps, quanto swaps and interest options.

61

INDUSTRY

We operate in the packaging industry, which consists of metal, glass, plastic and paper-based products in the form of cans, bottles, cartons, boxes, closures and flexible packages for a variety of end markets, including food and beverage, consumer products, personal care, pharmaceutical and medical, household and foodservice, among others. According to industry sources, the global packaging industry had estimated revenues in excess of \$400 billion in 2001 and had an average annual growth rate in line with worldwide gross domestic product of approximately 3% to 4%. North America and Europe account for approximately 59% of the industry's worldwide revenues, with other major packaging markets in Japan, Asia/Pacific, South America and Africa.

Worldwide shipments of metal beverage cans exceeded 220 billion units in 2001, generating revenues of approximately \$15 billion. Carbonated soft drinks and beer are the principal end markets for beverage cans. The U.S. beverage can product line is the largest and most mature product line, with more than 100 billion cans shipped in 2001, followed by Europe with approximately 38 billion cans. In 2001, carbonated soft drinks represented 68% of U.S. beverage can volumes and 53% of European volumes, while beer accounted for 32% of U.S. beverage can volumes and 47% of European volumes.

We expect that global consumption of beverage cans will grow to over 245 billion cans annually in the next five years, implying an average annual growth rate of 2%. While consumption in North America is expected to grow slightly or remain stable for the next several years, substantial growth is projected in the European beverage can market, fueled by favorable trends in Western Europe and the continued expansion of emerging markets. The 19.4 billion can Western European market, including the United Kingdom, Germany, France, Sweden, Denmark, Norway, Finland and Iceland, represents Europe's most mature beverage can market with annual growth of 1% from 1997 to 2001. Southern Europe, including Spain, Portugal, Italy, Greece and Turkey, is a less mature market with a size of 9.5 billion cans and annual growth of 5% over the last five years. The emerging Central and Eastern European markets, which include Poland, the Czech Republic, Slovakia, Hungary, Romania and Ukraine, have grown from 760 million cans in 1995 to 2.4 billion cans in 2001, which represents an annual growth rate in excess of 20%. Poland is among the fastest growing regions in the European market, with annual growth in excess of 35% from 1997 to 2001. The Russian beverage can market is also expected to generate future growth, having doubled to 1.2 billion cans in 2001 from 2000. Emerging markets in South America and Asia are also likely to experience significant growth over the next several years as per capita consumption of cans remains relatively low in these regions.

The global beverage can product line is relatively consolidated, with four principal competitors estimated to account for approximately 100% of 2001 production volumes in North America. Three of these same major producers supply approximately 89% of European production volumes. New competitors are not expected to enter the market due to the relatively high barriers to entry and the large research, development and engineering investment required to keep up with technological trends, in particular regarding material reduction.

62

BUSINESS

Company Overview

We are one of the world's leading suppliers of metal and plastic packaging to the beverage and food industry. Our packaging products are used for a wide variety of end markets and we have over 50 manufacturing plants around the world. Our packaging products include:

- aluminum and steel beverage cans for carbonated soft drinks, beer and other beverages, of which we produced approximately 45 billion units in 2001;
- two- and three-piece steel food cans for fruits, vegetables, pet food, processed meats and fish and other foods, of which we produced approximately 5.5 billion units in 2001; and
- PET plastic containers for carbonated soft drinks, water, juice, sports drinks, beer and other beverages of which we produced approximately 3.5 billion units in 2001.

Through our wholly-owned subsidiary, Ball Aerospace & Technologies Corp., or BATC, we also provide aerospace and other high technology products and services to government and commercial customers. Our pro forma net sales for the year ended December 31, 2001, were approximately \$4,540.8 million, of which beverage cans generated approximately 67%, our other packaging products, including two- and three-piece steel food cans and PET containers, generated approximately 24%, and BATC generated approximately 9%. See "—Summary Historical and Pro Forma Financial Data."

We sell our packaging products to major beverage and food producers, including The Coca-Cola Company and its affiliated bottlers, PepsiCo Inc. and its affiliated bottlers, Miller Brewing Company, Anheuser-Busch Companies, Inc., Coors Brewing Company, N.V. Interbrew Belgium S.A., Heineken B.V., ConAgra Grocery Products Company, Kraft Foods, Inc. and Campbell Soup Company. We believe we have been able to develop long-term customer relationships by providing superior quality and customer service at competitive prices. Our preferred supplier status with our customers is evidenced by our large number of long-term supply contracts, our high customer retention and our numerous customer awards and recognitions. We estimate that in 2002, approximately 70% of our pro forma beverage can sales were made under long-term supply agreements.

Acquisition Rationale

Schmalbach is the second largest manufacturer of metal beverage containers in Europe, with operations consisting of 10 can plants and two end plants, a technical center in Bonn, Germany, and an office in Ratingen, Germany, near Düsseldorf. Of the 12 plants, four are located in Germany, four in the United Kingdom, two in France and one each in the Netherlands and Poland. In total, the plants produce about 12 billion containers annually, with 60% being produced from steel and 40% from aluminum. For the year ended December 31, 2001 and the nine months ended September 30, 2002, Schmalbach had net sales of approximately \$854.7 million and \$822.3 million, respectively. The Schmalbach acquisition was an attractive opportunity for several reasons:

- **Strong Presence in Growing European Market**—Schmalbach has a strong presence in the European metal beverage can market, which has experienced steady growth and is the second largest metal beverage can market in the world. Schmalbach's share of the European market was approximately 27% in 2001 and is expected to increase to 31% in 2002 as a result of Schmalbach's acquisition of two plants from Rexam PLC in October 2001. Schmalbach sells cans principally in Western Europe, as well as in Poland and other Eastern European markets. The strength of Schmalbach's presence in the various European markets will position us well to take advantage of projected consumption growth in the European market, which is expected to grow approximately 4% to 5% per annum over the next several years.

63

-
- **Geographically Balanced Portfolio**—Approximately 95% of Ball's packaging sales in 2001 were derived from North America. After the acquisition, this percentage has been reduced to approximately 75%, significantly improving our geographic diversification. Schmalbach's largest sales region in 2001 was Germany with 35%, followed by France and the Netherlands with 26% combined, the United Kingdom with 25% and Poland with 9%.
 - **World-Class Customer Base**—Like Ball, Schmalbach enjoys superior relations with its customers, including widely recognized names such as Coca-Cola, Britvic (Pepsi), Coors, Heineken, Interbrew and South African Breweries. Schmalbach's sales mix is weighted more heavily toward the growing beer can market in Europe, with beer cans accounting for approximately 55% of Schmalbach's sales in 2001 and carbonated soft drink cans accounting for the other 45%.
 - **Best Practices Opportunities**—While we are not relying on synergies, we will aggressively pursue those areas where we can leverage the strengths of both organizations. For example, Schmalbach is a world leader in two-piece steel technology, and we intend to capitalize on this leadership to enhance our growing North American metal food can business. There are also opportunities to leverage both organizations in other manufacturing capabilities, research and development, purchasing and management expertise.
 - **Global Leadership**—Following the acquisition, we are the world's largest manufacturer of metal beverage cans, with the ability to produce over 45 billion cans annually. On a pro forma basis, the acquisition significantly increases Ball's beverage can net sales for the year ended December 31, 2001, from approximately \$2.2 billion to approximately \$3 billion.
 - **Attractive Accretion and Returns**—Based on the acquisition purchase price and the current financial performance of Schmalbach, we believe that the transaction will be accretive to Ball's earnings per share in the first year of combined operations and provide us returns on our capital invested in excess of our weighted average cost of capital.

Competitive Strengths

We believe that a number of factors contribute to our position as a premier supplier of packaging products with multiple sources of earnings and cash flow. These factors include:

- **Significant Presence in Multiple Markets**—We are the largest manufacturer of metal beverage containers in North America, with 2001 production capacity of approximately 33 billion cans, representing approximately 31% of total North American beverage can capacity. Following the acquisition, we are the second largest manufacturer of metal beverage containers in Europe, with estimated annual production capacity of approximately 12 billion cans, representing approximately 31% of total European beverage can capacity. Our beverage can capacity in North America is substantially ahead of our next largest competitor in North America. We are also one of the largest beverage can producers in the PRC, in addition to participating in joint ventures in Brazil, Thailand, Taiwan and the Philippines and licensing technology to companies in Mexico, Israel, Venezuela, Korea, Australia and New Zealand.
- **Diversified Sources of Cash Flow**—Ball's operations historically have generated significant cash flow. Ball believes that the addition of Schmalbach provides opportunities to increase earnings and cash flow. Our presence in multiple markets, including metal beverage cans, steel food cans, PET containers and high technology aerospace products, diversifies our available sources of free cash flow.

- **Low Cost Manufacturer with State-of-the-Art Facilities**—We believe that, as a result of our size, superior process technology and manufacturing practices, we are one of the lowest cost metal beverage can producers in North America. Modernization programs at many of our facilities

over the past decade have increased productivity, reduced costs and improved product quality. We believe that our expertise in low cost manufacturing can benefit the Schmalbach facilities.

- **Experienced Management**—We are led by an experienced management team with a proven track record of successfully integrating major acquisitions, increasing profitability, expanding our customer base, implementing state-of-the-art manufacturing process technology, improving operating efficiencies, introducing product innovations and entering new markets and businesses. Our top nine senior executives average over 16 years of packaging industry experience and over 17 years with Ball. Following the acquisition, our European operations are expected to continue to be managed by the top two executives at Schmalbach, who have an average of over 10 years of industry experience and over five years with Schmalbach.
- **High Quality Products and Service**—We believe that the quality of our products and customer service is among the highest in the industry, as indicated by the number of quality awards we have earned. For example, in 2001 Ball's beverage can business was presented with Miller's "Supplier of the Year" award, which is awarded to only one supplier per year. In addition, all four of Ball's beverage can facilities that supply Anheuser-Busch have earned its elite "Certified Supplier" status, which is based on our level of service and the quality of our systems. Schmalbach's Bierne, France facility received a "Best Quality Supplier" award from Coca-Cola and an "A-Class Supplier" award from Interbrew. Outside of the packaging segment, BATC was awarded Boeing's "Silver Supplier" status and the James S. Cogswell Award for Outstanding Industrial Security Achievement by the Defense Security Service. We continually strive to improve the quality of our products and production processes through rigorous quality systems, comprehensive employee training and tight control of our manufacturing processes.
- **Technological Leadership**—We have extensive experience in improving productivity and designing innovative products. In particular, Ball has successfully increased manufacturing efficiencies and lowered unit costs through internally-developed equipment enhancements. We also have made numerous patented advancements in can and can end manufacturing techniques, in areas including dome reforming, spin flow necking and electromagnetic bodymaker redraw. We are thereby able to provide cans with innovative shapes and other customized features to our customers at a competitive price. We plan to share the best technology and innovations specific to Ball and Schmalbach to enhance our combined manufacturing operations.

Business Strategy

Over the past several years, Ball has pursued a strategy to: (1) consolidate and grow through acquisitions, strategic alliances or other means in order to improve the competitive positioning and profitability of our existing businesses; (2) rationalize and restructure those businesses which faced overcapacity and/or insufficient levels of profitability and cash flow; and (3) operate our businesses to maximize returns of capital, profitability and cash flow. This strategy has resulted in several acquisitions, including Ball's acquisition of Reynolds Metals Company's North American beverage can business in 1998, which doubled the size of Ball's beverage can operations, joint ventures in its food and beverage container businesses, entry into the PET business and investments of capital to expand and upgrade facilities. It also led to the sale of Ball's glass container operations in 1995 and 1996 and the consolidation of manufacturing facilities in North America and the PRC.

To maintain our status as a premier, low cost manufacturer of packaging products and expand our world-class niche aerospace business, we will continue to pursue several strategic initiatives, including:

- **Leverage Relationships with Existing Customers**—We have long-term relationships with leading domestic and international beverage and food manufacturers and are continually seeking to expand our business with these customers and their affiliates. These customer relationships are maintained and expanded through our continued delivery of low cost quality products, superior

customer service, innovation in design, efficient distribution through the use of strategically located facilities and the supply of products under multi-year supply contracts.

- **Maintain Low Cost Position**—We will continue to pursue opportunities to strengthen our low cost position in the metal beverage can business, as well as opportunities to lower costs in steel food cans and PET containers. Our strategy is to reduce costs and increase operating efficiencies through: (1) investments in productivity-enhancing machinery and equipment; (2) development and implementation of proprietary process technology; (3) reductions in the material content of containers; (4) improved utilization of capacity, equipment and personnel; and (5) purchasing economies of scale.
- **Enhance Technological Leadership**—We will continue to make research and development an important element of our competitive advantage and strategy, both in designing new products and in improving production efficiency and productivity. We plan to continue to work actively with customers to improve existing products and to design new packaging features. We also intend to leverage our design and engineering capabilities to develop value-added packaging and aerospace products, and to create more cost-effective manufacturing systems and materials that contribute to improvements in quality and operating efficiency.
- **Expand PET Business**—We plan to continue to capitalize on the increasing usage of PET containers for beverage products. Our strategy is to expand our production capacity at existing plants so as to leverage our fixed investment, lower costs and optimize efficiency. We believe our PET products complement our metal beverage containers, giving us the opportunity to capitalize on our strong customer relationships, as well as provide us with a growth vehicle for new customers in the beverage and food industries.
- **Capitalize on BATC's World-Class Capabilities**—We intend to focus on our core strength in the growing defense market, as well as in the commercial space market. Geopolitical events and executive and legislative branch priorities have created considerable growth opportunities in our core competencies. As an example, BATC's expertise in supplying highly specialized optical equipment to fix the Hubble Space Telescope is in demand in areas involving national security.

Packaging

Our principal business is the manufacture and sale of metal and PET containers, primarily for beverages and foods. This segment comprised 89% of Ball's 2001 consolidated net sales. Currently, Ball's operations related to the packaging segment are primarily located in North America. As a result of the acquisition, a significant portion of our operations are based in Europe. Packaging products are sold in highly competitive markets, primarily based on quality, service and price.

North American Metal Beverage Containers

Metal beverage containers represent Ball's largest product line, accounting for 67% of Ball's 2001 packaging segment net sales. Since 1998 Ball has been the largest beverage can producer in North America. Decorated two-piece aluminum beverage cans are produced at 17 manufacturing facilities in the United States, one facility in Canada and one in Puerto Rico; ends are produced within five U.S. facilities. Annual production capacity of these plants is approximately 33 billion cans. Two-piece beverage cans produced in North America represent Ball's largest product line, comprising 59% of Ball's 2001 consolidated net sales. Metal beverage containers are sold primarily to fillers of carbonated soft drinks, beer and other beverages under long-term or annual supply contracts. Sales volumes of metal beverage cans and ends in North America tend to be highest during the period from April through September.

66

A substantial part of Ball's packaging sales are made directly to relatively few major companies in packaged beverage and food businesses, including Miller Brewing Company and bottlers of Pepsi-Cola and Coca-Cola branded beverages and their licensees utilizing consolidated purchasing groups. Sales of aluminum cans to Miller Brewing Company, PepsiCo., Inc. and The Coca-Cola Company represented approximately 16%, 13% and 7% of Ball's consolidated net sales, respectively, for the year ended December 31, 2001. Sales to all bottlers of Pepsi-Cola and Coca-Cola branded beverages in North America comprised approximately 31% of Ball's consolidated net sales for the same period.

On January 1, 2002, Ball commenced a 50/50 joint venture agreement with Coors Brewing Company (Coors) for the manufacture and supply of almost all of the 3.5 billion beverage cans and ends used annually by Coors in its Golden, Colorado brewery. Ball receives management fees and technology licensing fees under this agreement and accounts for the joint venture using the equity method of accounting. In addition to beverage cans supplied to Coors from the joint venture, Ball supplies other filling locations owned by Coors with beverage cans manufactured in other wholly-owned Ball facilities. Based on publicly available industry information, Ball estimates that its North American metal beverage container shipments were approximately 31% of total U.S. and Canadian shipments for metal beverage containers. Ball also estimates that three producers represent substantially all of the remaining metal beverage container shipments. Available industry information indicates the growth in industry-wide shipments was relatively flat from 1998 to 2001.

In Canada, metal beverage containers have captured significantly lower percentages of the packaged beverage industry than in the United States, particularly in the packaged beer industry, in which the market share of metal containers relative to glass containers has been hindered by non-tariff trade barriers and restrictive taxes within Canada.

Beverage container industry production capacity in the United States and Canada has historically exceeded demand. In order to more closely balance capacity and demand within our business, Ball consolidated its can and end manufacturing capacity into fewer, more efficient facilities with the closure of five plants during 1999, 2000 and 2001.

The aluminum beverage can continues to compete aggressively with other packaging materials in the beer and soft drink industries. The glass bottle has shown resilience in the packaged beer industry, while soft drink industry use of the PET bottle has grown. The beer industry has also begun very limited usage of plastic beer bottles.

The metal beverage container business is capital intensive, requiring significant investments in machinery and equipment. Profitability is sensitive to production volumes, labor and the costs and availability of certain raw materials, such as aluminum, steel and plastic resin.

Raw materials used in our metal beverage container business are generally available from several sources. The price of aluminum is volatile due to the fact that it is traded on the London Metal Exchange. However, Ball employs hedging strategies to minimize the aluminum price risk. Ball has secured what it considers to be adequate supplies of raw materials and is not experiencing any shortages. Ball's manufacturing facilities are dependent, in varying degrees, upon the availability of process energy, such as natural gas and electricity. While certain of these energy sources may become increasingly in short supply or halted due to external factors, Ball cannot predict the effects, if any, of such occurrences on future operations.

Research and development efforts in this business generally seek to improve manufacturing efficiencies and lower unit costs, principally raw material costs, by reducing the material content of containers while improving or maintaining other physical properties such as material strength. In addition, research and development efforts are directed toward the development of new sizes, shapes and types of metal and plastic beverage and food containers, as well as new uses for the current containers.

67

International Metal Beverage Containers

Europe

Schmalbach's metal beverage container business is the second largest in Europe and produces two-piece beverage cans and can ends for beer, carbonated soft drinks, mineral water, fruit juices, isotonic, milk-based beverages, coffee drinks and alcoholic mixed drinks. Approximately 60% of its cans are manufactured from steel with the other 40% being made from aluminum.

Schmalbach operates a total of 12 container plants, four of which are located in Germany, four in the United Kingdom, two in France and one each in the Netherlands and Poland. Five of the can plants use steel only, three use aluminum and two plants use both metals. Aluminum can ends are produced at two plants. There are two "wall-to-wall" operating plants where the customer's filling facilities are on adjoining property. One of these plants is in the United Kingdom next to a major Pepsi filler's facility and the other is in France next to a major Coca-Cola filler's facility.

Schmalbach had an estimated market share of 31% in 2001. However, Schmalbach holds leading positions in all of its core European markets. In Western Europe, Schmalbach is the top beverage container manufacturer in Germany, France and the Benelux countries and the second largest beverage container manufacturer in the United Kingdom. In addition, Schmalbach has contributed to the development of the Eastern European beverage market and has an estimated 50% market share in Poland.

The Schmalbach beverage can business benefits from a balanced and stable customer base, with 10 customers accounting for approximately 55% of its gross trade sales and 20 customers accounting for approximately 71% of such sales. As Schmalbach's largest customer, Coca-Cola comprised 16% of gross trade sales. Other major customers include Britvic (Pepsi), Coors, Heineken, Interbrew and South African Breweries. Schmalbach's high quality products and enhanced service capabilities have yielded strong and long established relationships with these customers.

Traditional cans, meaning 0.33L, 0.44L and 0.5L cans for beer and soft drinks, are Schmalbach's core focus representing 95% of the European beverage can sales in 2001. Slim-line cans (0.15L to 0.25L) for special beverages, such as new-age or milk and coffee-based products, currently represent only small niche markets but are increasingly in demand from beverage producers as they seek to stimulate new areas of growth.

A continuous and selective investment program focusing on maintaining and improving the efficiency of the production facilities has allowed the beverage can business to maintain its leading market positions. Furthermore, the strong focus on steel production provides Schmalbach with a significant competitive advantage.

As in North America, the metal beverage can continues to compete aggressively with other packaging materials in the European beer and soft drink industries. The glass bottle has shown resilience in the packaged beer industry, while soft drink industry use of the PET bottle has grown.

The packaging business is capital intensive, requiring significant investments in machinery and equipment. Profitability is sensitive to production volumes, labor and the costs and availability of certain raw materials, such as aluminum, steel and plastic resin.

Schmalbach's key raw materials are steel and aluminum. The European market for steel and aluminum supply is highly consolidated with three steel suppliers and four aluminum suppliers providing 95% of European demand. Material supply contracts are generally for a period of one year, although Schmalbach has been able to negotiate some longer agreements. In general, steel is less expensive than aluminum and the price of aluminum is more volatile, due to the fact that it is traded on the London Metal Exchange and denominated in U.S. dollars. However, Schmalbach minimizes the aluminum price risk and the U.S. dollar exchange risk through one-year hedging contracts, which we believe are adequate.

Among the European beverage can manufacturers, Schmalbach has the most experience in steel can production and the highest proportion of these cans in its product mix. The business has a long and successful track record in reduction of wall thickness which has resulted in significant material savings.

In 1996, Schmalbach established a technical center in Bonn as a service department for Schmalbach's beverage container business. In addition to conventional equipment for application technology, Schmalbach has state-of-the-art laboratory equipment, supplemented with filling, sterilization and pasteurization systems as well as 2D and 3D CAD work stations for design and simulation. The specialists at the technical center work on innovations in the area of product and process technology and perform material and surface tests. Research and development efforts are focused on the development of new sizes, shapes, uses and filling technologies.

Other International

Through its majority-owned subsidiary, Ball Asia Pacific Holdings Limited, Ball is the largest beverage can manufacturer in the PRC. Ball believes that its facilities are the most modern in that country. Ball also has beverage can joint ventures in Brazil, Thailand, Taiwan and the Philippines. International beverage can sales comprised approximately 5% of Ball's 2001 consolidated net sales.

Capacity has grown rapidly in the PRC, resulting in a supply/demand imbalance. In 2001, we undertook a review of our options there and, as a result, have either closed or are closing several facilities. The Beijing manufacturing facility is one of the most technologically advanced plants in the PRC and our 34%-owned affiliate, Sanshui Jianlibao FTB Packaging Limited, is the largest can manufacturing facility in the PRC in terms of production capacity.

We are a 50% equity owner of a joint venture in Brazil with Latapack that produces approximately 2 billion two-piece aluminum cans and ends and holds a 15% market share, and Ball also participates in joint ventures in Thailand, Taiwan and the Philippines. In addition, Ball has also entered into arrangements with ten companies operating 21 facilities worldwide to license its manufacturing technology and to provide assistance with manufacturing processes and management systems. Current licensees of technology include Fabricas Monterrey, SA de CV, a subsidiary of Fomento Economico Mexicano, SA de CV of Mexico, and Amcor Ltd.

North American Metal Food Containers

In addition to metal beverage cans, Ball produces two- and three-piece steel food cans for packaging vegetables, fruit, soups, meat, fish and pet food. These steel food containers are manufactured in the U.S. and Canada and sold primarily to food processors in North America. In 2001 metal food container sales comprised approximately 19% of Ball's packaging segment net sales. Sales volumes of metal food containers in North America tend to be highest from June through October as a result of seasonal vegetable and salmon packs. Approximately 33 billion steel food cans were shipped in the U.S. and Canada in 2001, of which approximately 17% were shipped by Ball.

Since the second quarter of 2000, Ball and ConAgra Grocery Products Company have participated in a joint venture food can manufacturing company, Ball Western Can Company. Under this arrangement, Ball receives management fees and accounts for the results of its 50%-owned investment under the equity method.

Ball's main competitors in this segment include Silgan and Crown Cork & Seal. The steel food can also competes with other packaging materials in the food industry including glass, aluminum, plastic and paper. As a result, this product line must increasingly focus on product innovation. Service, quality and price are deciding competitive factors.

North American Plastic Containers

To capitalize on existing customer relationships, Ball entered the polyethylene terephthalate (PET) container business in 1995. PET packaging represented slightly less than 9% of Ball's packaging segment net sales in 2001. Demand for containers made of PET has increased in the beverage packaging industry and is expected to increase in the food packaging industry with improved technology and adequate supplies of PET resin. While PET beverage containers compete against metal, glass and cardboard, the historical increase in the sales of PET containers has come primarily at the expense of glass containers and through new market introductions. The latest publicly available projections indicate that the growth in overall PET demand over the next two years is expected to be between 7% and 8%. Based on research estimates from various sources, we believe Ball's share of total U.S. and Canadian shipments is between 8% and 12%.

On December 28, 2001, we acquired substantially all of the assets of Wis-Pak Plastics, Inc. and entered into a long-term agreement to supply 100% of Wis-Pak's annual PET container requirements, which are currently 550 million containers annually. In addition to the facility that Ball acquired from Wis-Pak, the company operates four PET facilities that it built in California, Iowa, New Jersey and New York.

Competition in the PET container industry includes four national suppliers and several regional suppliers and self-manufacturers. Service, quality and price are deciding competitive factors. Increasingly, the ability to produce customized, differentiated plastic containers is an important competitive factor.

Most of Ball's PET containers are sold under long-term contracts to makers of bottled water and carbonated soft drinks, including Coca-Cola and Pepsi. Ball is also seeking opportunities to serve producers of juice. Plastic beer containers are being tested by several of our customers and we are developing plastic containers for the single serve juice market.

Aerospace and Technologies

The aerospace and technologies segment includes civil space systems, defense operations and commercial space operations. The defense operations business unit includes defense systems, systems engineering services, advanced antenna and video systems and electro-optics and cryogenic systems and components. Sales in the aerospace and technologies segment accounted for approximately 11% of consolidated net sales in 2001. The commercial products and technologies business unit was closed in mid-2001.

The majority of the aerospace and technologies segment business involves work under contracts, generally from one to five years in duration for the National Aeronautics and Space Administration (NASA), the U.S. Department of Defense (DoD), other U.S. government agencies and for foreign governments. Contracts funded by the various agencies of the federal government represented approximately 92% of segment sales in the year ended December 31, 2001. Geopolitical events and executive and legislative branch priorities have created considerable growth opportunities in our core competencies. However, consolidation in the aerospace and defense industries continues, and there is strong competition for business.

Civil space systems, defense operations and commercial space operations include hardware, software and services to both United States and international customers, with emphases on space science, environmental and Earth sciences, defense and intelligence, manned missions and space exploration. Major contractual activities frequently involve the design, manufacture and testing of satellites, ground systems and payloads (including launch vehicle integration), as well as satellite ground station control hardware and software.

70

Other hardware activities include: electro-optics products for spacecraft guidance, control of instruments and sensors, and surveillance subsystems; target identification, warning and attitude control systems and components; cryogenic systems for reactant storage, and sensor cooling devices using either closed-cycle mechanical refrigerators or open-cycle solid and liquid cryogenics; star trackers, which are general-purpose stellar attitude sensors; and fast-steering mirrors.

Additionally, the aerospace and technologies segment provides diversified technical services and products to federal and local government agencies, prime contractors and commercial organizations for a broad range of information warfare, electronic warfare, avionics, intelligence, training and space systems needs.

Backlog

Backlog of the aerospace and technologies segment was approximately \$405 million at September 29, 2002, and \$431 million at December 31, 2001. Backlog consists of the aggregate contract value of firm orders, excluding amounts previously recognized as revenue. Backlog at September 29, 2002, includes approximately \$227 million expected to be billed during the 12 months ended September 2003, with the remainder expected to be billed thereafter. Unfunded amounts included in backlog for certain firm government orders which are subject to annual funding were approximately \$268 million at September 29, 2002. Comparisons of backlog between periods are not necessarily indicative of the trend of future operations.

Ball's aerospace and technologies segment has contracts with the U.S. government or its contractors which have standard termination provisions. The government retains the right to terminate contracts at its convenience. However, if contracts are terminated in this manner, Ball is entitled to reimbursement for allowable costs and profits to the date of termination relating to authorized work performed prior to such date. U.S. government contracts are also subject to reduction or modification in the event of changes in government requirements or budgetary constraints.

Properties

Our properties described below are well maintained, are considered adequate and are being utilized for their intended purposes.

Ball's corporate headquarters are located in Broomfield, Colorado. The offices for the North American packaging operations are based in Westminster, Colorado, and the offices for the European packaging operations are located in Ratingen, Germany. Also located in Westminster, Colorado, is the Edmund F. Ball Technical Center, which serves as a research and development facility primarily for the metal packaging operations. The pilot line and research and development center for the plastic container business are located in Smyrna, Georgia. The European Technical Centre, which serves as a research and development facility for the European beverage can manufacturing operations, is located in Bonn, Germany.

BATC's offices are located in Boulder, Colorado. The Colorado-based operations of this business occupy a variety of company-owned and leased facilities in Boulder, Broomfield and Westminster, which together aggregate approximately 1,300,000 square feet of office, laboratory, research and development, engineering and test and manufacturing space. Other aerospace and technologies operations include facilities in California, Georgia, New Mexico, Ohio, Texas and Virginia.

Information regarding the approximate size of the manufacturing locations for significant packaging operations which we own, except where indicated otherwise, follows. Where certain locations include multiple facilities, the total approximate size for the location is noted. In addition to the manufacturing facilities, we lease warehousing space.

71

Plant Location	Approximate Floor Space in Square Feet
<i>Metal packaging manufacturing facilities:</i>	
<i>North America:</i>	
Blytheville, Arkansas (leased)	29,000
Springdale, Arkansas	286,000
Richmond, British Columbia	194,000
Fairfield, California	340,000
Torrance, California	265,000
Golden, Colorado	500,000
Tampa, Florida	275,000
Ewa Beach, Hawaii	132,000
Monticello, Indiana	356,000
Kansas City, Missouri	225,000

Saratoga Springs, New York	358,000
Walkill, New York	314,000
Reidsville, North Carolina	287,000
Columbus, Ohio	167,000
Findlay, Ohio	733,000
Burlington, Ontario	308,000
Whitby, Ontario	200,000
Guayama, Puerto Rico	225,000
Baie d'Urfe, Quebec	211,000
Chestnut Hill, Tennessee	300,000
Conroe, Texas	180,000
Fort Worth, Texas	161,000
Bristol, Virginia	241,000
Williamsburg, Virginia	400,000
Seattle, Washington	166,000
Weirton, West Virginia (leased)	85,000
DeForest, Wisconsin	45,000
Milwaukee, Wisconsin	161,000
<i>Europe:</i>	
Bierne, France	263,000
La Ciotat, France	354,000
Braunschweig, Germany	180,000
Hassloch, Germany	283,000
Hermisdorf, Germany	248,000
Weissenthurm, Germany	257,000
Oss, Netherlands	231,000
Radomsko, Poland	309,000
Deeside, U.K.	109,000
Rugby, U.K.	175,000
Runcorn, U.K.	140,000
Wrexham, U.K.	222,000
<i>Asia:</i>	
Beijing, PRC	238,000
Hubei (Wuhan), PRC	167,000
Shenzhen, PRC	323,000
Zhuhai, PRC	179,000
<i>Plastic packaging manufacturing facilities:</i>	
<i>North America:</i>	
Chino, California (leased)	240,000
Ames, Iowa	577,000
Delran, New Jersey	450,000
Baldwinsville, New York (leased)	240,000
Watertown, Wisconsin	111,000
<i>Asia:</i>	
Zhongfu, PRC (leased)	52,000
Hemei, PRC	42,000

In addition to the consolidated manufacturing facilities, we have ownership interests in packaging affiliates located in China, Brazil, Thailand, Taiwan and the Philippines.

Ball leases warehousing and manufacturing space and certain manufacturing equipment, primarily within the packaging segment, and office space, primarily within the aerospace and technologies segment. We may also incur other incremental costs to discontinue or relocate the business activities associated with these leased assets. These agreements contain certain restrictions relating to dividends, investments and borrowings. Total noncancellable operating leases in effect at December 31, 2001, require rental payments of \$30.6 million, \$22.7 million, \$14.6 million, \$5.4 million and \$2.3 million for the years 2002 through 2006, respectively, and \$2.6 million combined for all years thereafter. Lease expense for all operating leases was \$58.1 million, \$63.4 million and \$44.8 million in 2001, 2000 and 1999, respectively.

Intellectual Property

In our opinion, none of our active patents is essential to the successful operation of our business as a whole.

Research and Development

Research and development in the packaging business generally seek to improve manufacturing efficiencies and lower unit costs, principally raw material costs, by reducing the material content of containers while improving or maintaining other physical properties such as material strength. In addition, research and development efforts are directed toward the development of new sizes and types of metal and plastic beverage and food containers, as well as new uses for the current containers.

In 1996, Schmalbach established a technical center in Bonn as a service department for Schmalbach's beverage container business. In addition to conventional equipment for application technology, Schmalbach has state-of-the-art laboratory equipment, supplemented with filling, sterilization and pasteurization systems as well as 2D and 3D CAD work stations for design and simulation. The specialists at the technical center work on innovations in the area of product and process technology and perform material and surface tests. Research and development efforts are focused on the development of new sizes, shapes, uses and filling technologies.

Employees

At September 29, 2002, Ball and Schmalbach together had approximately 12,600 employees worldwide, including approximately 8,250 employees in the United States and 4,350 in other countries. Approximately 21% of the North American employees were unionized and approximately 90% of the European employees were unionized.

Environmental Regulation

Aluminum, steel and PET containers are recyclable, and significant amounts of used containers are being recycled and diverted from the solid waste stream. Using the most recent data available, in 2001 approximately 55% of aluminum containers, 58% of steel cans and 22% of the PET containers sold in the U.S. were recycled.

Compliance with federal, state and local laws relating to protection of the environment has not had a material adverse effect upon our capital expenditures, earnings or competitive position. As more fully described under "Ball Legal Proceedings" below, the U.S. Environmental Protection Agency and various state environmental agencies have designated Ball as a potentially responsible party, along with numerous other companies, for the cleanup of several hazardous waste sites. However, our information at this time does not indicate that the resolution of these matters will have a material adverse effect upon our liquidity, results of operations or financial condition.

Legislation which would prohibit, tax or restrict the sale or use of certain types of containers, and would require diversion of solid wastes such as packaging materials from disposal in landfills, has been

73

or may be introduced in the U.S. Congress and the Canadian Parliament, in state and Canadian provincial legislatures and other legislative bodies. While container legislation has been adopted in a few jurisdictions, similar legislation has been defeated in public referenda in several other states, in local elections and in many state and local legislative sessions. Ball anticipates that continuing efforts will be made to consider and adopt such legislation in many jurisdictions in the future. If such legislation were to be widely adopted, it could have a material adverse effect on our business, as well as on the container manufacturing industry generally, in view of our substantial North American sales and investment in metal and PET container manufacture.

Mandatory Deposit Legislation in Germany

Germany passed packaging legislation in 1991 that exempts one-way beverage containers from a mandatory deposit fee as long as the market share of returnable containers does not drop below 72%. The market share for returnable containers dropped below this mandated level and legislators have decided to impose a deposit on cans and other non-refillable containers effective as of January 1, 2003. Since 1991, the recycling rate for cans has risen significantly and now exceeds 80%, making the need for a mandatory deposit fee questionable. Beverage companies, container manufacturers, retailers and others are pursuing legal challenges to the imposition of the mandatory deposit fee, but it is uncertain whether they will be successful. The imposition of such a deposit could have a negative effect on the demand for beverage cans and other one-way containers in Germany, but in the longer term the effect could be positive as the quota for refillable containers would be eliminated and cans and other one-way containers could become the environmentally preferred package because of high recycling rates, light weight and ease of storage, handling and transport. Schmalbach has temporarily reduced production at its German plants in response to lower demand in Germany for cans during the first several weeks of 2003.

Ball Legal Proceedings

We have been named as a potentially responsible party, or "PRP", by the U.S. Environmental Protection Agency, equivalent state agencies or other PRPs at several sites requiring cleanup under the Comprehensive Environmental Response, Compensation and Liability Act, also known as Superfund, or various comparable state laws. We have also been involved in related litigation. These sites include landfills and other sites to which we may have sent waste as well as a few large Superfund sites that may include one of our current or former properties. In general, Superfund imposes liability for costs to investigate and clean contaminated sites, as well as for natural resource damages, on PRPs without regard to fault. Under certain circumstances, such liability may be joint and several resulting in one PRP being held responsible for the entire obligation. At most sites, the liability is allocated among the identified PRPs based on certain responsibility calculations. Based on these liability allocations, to the extent available, and based on known information, we do not believe that our Superfund liability will, in each case and in the aggregate, have a material adverse effect on our liquidity, results of operations or financial condition. Further, with respect to most of these sites, we have begun settlement negotiations and/or entered into a settlement agreement or consent decree that seeks to release, or has released, us from most, if not all, future liability. Based on the information available to us at the present time, we do not believe that these matters will have a material adverse effect upon our liquidity, results of operation or financial condition. See the disclosure in Ball's Annual Report on Form 10-K for the year ended December 31, 2001 and Ball's Quarterly Report on Form 10-Q for the quarter ended September 29, 2002 regarding legal proceedings.

We previously reported that in March of 1992, William Hallahan, an employee of Ball's metal container plant in Saratoga Springs, New York, filed a workers' compensation claim alleging that he suffers from a form of leukemia that was caused by his exposure to certain chemicals used in the plant. We denied the claim, and hearings on the matter were held before the Workers' Compensation Board of the State of New York. Testimony was concluded in April 1996. On January 14, 1997, the Administrative Law Judge (ALJ) filed his Memorandum of Decision finding in favor of the claimant. The

74

decision was appealed, and the Workers' Compensation Board remanded the case back to the ALJ for further findings. The ALJ made those findings and we again appealed the case. In June 1999, a three-judge panel of the Workers' Compensation Board reversed the decision of the ALJ and found that the claimant failed to show a causal relationship between the claimant's workplace and his disease in order to establish that he developed an occupational disease from an exposure at the plant. The Board then closed the case. The claimant appealed the case to the Full Workers' Compensation Board and alternatively to the Appellate Division of the New York State judicial system. On May 30, 2000, the Full Workers' Compensation Board denied Mr. Hallahan's appeal. On April 6, 2001, the General Counsel of the New York State Workers' Compensation Board deemed Mr. Hallahan's appeal to have been abandoned. On November 21, 2001, Mr. Hallahan filed a Petition to reopen the workers' compensation case on the basis that ethylene glycol monobutyl ethers (2-Butoxylthanol) (EGBE) may have been the possible cause of Mr. Hallahan's leukemia. Mr. Hallahan's attorney requested the Board to reopen the case under its continuing jurisdiction. The claimant also claimed that this information supported their expert witness' previous testimony at the hearing regarding the cause of Mr. Hallahan's leukemia. Mr. Hallahan's counsel also argued that the EPA supports the position that EGBE is a possible human carcinogen. We filed a statement in opposition to Mr. Hallahan's petition to reopen the case. On February 4, 2002, the Board denied the request to reopen the case. This decision was not appealed. Based on the information, or lack thereof, available to us at the present time, we do not believe that this matter will have a material adverse effect upon our liquidity, results of operations or financial condition.

As previously reported, on or about December 31, 1992, William Hallahan and his wife filed suit in the Supreme Court of the State of New York, County of Saratoga, against certain manufacturers of solvents, coatings and equipment, including Somerset Technologies Inc. (Somerset) and Belvac Production Machinery (Belvac), seeking damages in the amount of \$15 million for allegedly causing leukemia by exposing him to harmful toxins. Somerset and Belvac filed third-party complaints seeking contribution from Ball for

damages that they might be required to pay William Hallahan. The defendants, including Ball, filed a motion for summary judgment against the plaintiff requesting a judgment that the Workers' Compensation Board has determined this case against William Hallahan. On July 3, 2002, the Court entered a decision in favor of the defendants and us. On August 13, 2002, the Court entered judgment on the decision. On August 29, 2002, Mr. Hallahan and his wife filed an appeal in the Appellate Division. Based upon the information available to us at the present time, we believe that this matter will not have a material adverse effect upon our liquidity, results of operations or financial condition.

Schmalbach Legal Proceedings

Schmalbach, together with other plaintiffs, is contesting the enactment of a mandatory deposit for non-returnable containers based on the German Packaging Regulation (Verpackungsverordnung) in Federal and State Administrative Courts. The proceedings in the Administrative Court in Hessen (Verwaltungsgericht Wiesbaden) and Brandenburg (Verwaltungsgericht Potsdam) were discontinued on September 24 and October 30, 2002, respectively. The Administrative Court in Northrhine Westfalia (Verwaltungsgericht Düsseldorf) has rendered a positive judgment and confirmed that a duty to implement a mandatory deposit fee as of January 1, 2003, does not exist. According to that court, a mandatory deposit fee to protect returnable containers is without legal basis in the current legislation. Other administrative courts have not yet scheduled hearings. The German Administration has filed an appeal against the suspensive effect of the judgment of the Administrative Court in Northrhine Westfalia to the Oberverwaltungsgericht Münster (Higher Administrative Court) and has filed an appeal on the merits of the case to the Bundesverwaltungsgericht in Leipzig (Federal Administrative Court). On November 27, 2002, the Higher Administrative Court in Münster decided to lift the temporary legal protection. On January 16, 2003, the Federal Administrative Court in Leipzig decided that Schmalbach and the other plaintiffs did not have procedural standing in the Administrative Court in Düsseldorf; therefore, it did not reach the issue of whether the imposition of the mandatory deposit is a proper implementation of the current legislation. A proceeding in the Bundesverfassungsgericht in Karlsruhe (Federal Constitutional Court) is still pending; the date of the hearing has not yet been set.

75

MANAGEMENT

The following table sets forth the name, age and position of management (including all executive officers) and directors of Ball as of February 6, 2003.

Name	Age	Position
R. David Hoover	57	Chairman, President and Chief Executive Officer and Director
Leon A. Midgett	60	Executive Vice President and Chief Operating Officer, Packaging
Hanno C. Fiedler	57	Executive Vice President and Director
Raymond J. Seabrook	51	Senior Vice President and Chief Financial Officer
David A. Westerlund	52	Senior Vice President, Administration and Corporate Secretary
John A. Hayes	37	Vice President, Corporate Strategy, Marketing and Product Development
Donald C. Lewis	60	Vice President, Assistant Corporate Secretary and General Counsel
Scott C. Morrison	40	Vice President and Treasurer
Harold L. Sohn	57	Vice President, Corporate Relations
Douglas K. Bradford	45	Controller
Frank A. Bracken	68	Director
Howard M. Dean	65	Director
John T. Hackett	70	Director
John F. Lehman	60	Director
Jan Nicholson	57	Director
George A. Sissel	66	Director
Theodore M. Solso	55	Director
William P. Stirtz	68	Director
Stuart A. Taylor II	42	Director

R. David Hoover has been Chairman, President and Chief Executive Officer since April 2002 and a director since 1996. Mr. Hoover was President and Chief Executive Officer from January 2001 until April 2002, and Vice Chairman, President and Chief Operating Officer from April 2000 to January 2001. He has served in various other capacities at Ball, including Chief Financial Officer; Executive Vice President; Senior Vice President; Vice President; Treasurer; Assistant Treasurer; Vice President, Finance and Administration, Technical Products; and Vice President, Finance and Administration, Management Services Division. Mr. Hoover is also a director of Energizer Holdings, Inc. Mr. Hoover is a member of the executive and finance committees.

Leon A. Midgett has been Executive Vice President and Chief Operating Officer, Packaging, since April 2000. Mr. Midgett was Chief Operating Officer, Packaging, and President of North American Beer/Beverage, from January 2000 to April 2000. He has also served as President of North American Beer/Beverage.

Hanno C. Fiedler has been Executive Vice President and a director since December 2002. He is Chairman and Chief Executive Officer of Ball's European packaging business. Mr. Fiedler was Chairman of the Board of Management of Schmalbach-Lubeca AG (now Schmalbach-Lubeca GmbH) from January 1996 until December 2002. Prior to that Mr. Fiedler headed the European activities of TRW Inc.

76

Raymond J. Seabrook has been Senior Vice President and Chief Financial Officer since April 2000. Mr. Seabrook was Senior Vice President, Finance from April 1998 to April 2000. He has served in various other capacities at Ball, including Vice President, Planning and Control; Vice President and Treasurer; and Senior Vice President and Chief Financial Officer, Ball Packaging Products Canada, Inc.

David A. Westerlund has been Senior Vice President, Administration since April 1998 and has been Corporate Secretary since December 2002. Mr. Westerlund was Vice President, Administration, from 1997 to 1998. He has served in various other capacities at Ball, including Vice President, Human Resources; Senior Director, Corporate Human Resources; Vice President, Human Resources and Administration, Ball Glass Container Corporation; and Vice President, Human Resources, Ball-InCon Glass Packaging Corp.

John A. Hayes has been Vice President, Corporate Strategy, Marketing and Product Development since January 2003. Mr. Hayes also served as Vice President, Corporate Planning and Development from April 2000 to January 2003 and as Senior Director, Corporate Planning and Development from February 1999 to April 2000. Prior to joining Ball, Mr. Hayes was Vice President, Mergers and Acquisitions/Corporate Finance at Lehman Brothers, Chicago, Illinois from April 1993 to February 1999.

Donald C. Lewis has been Vice President and General Counsel since September 1998 and has been Assistant Corporate Secretary since December 2002. Mr. Lewis was Vice President, Assistant Corporate Secretary and General Counsel, from 1997 to 1998. He has served in various other capacities at Ball, including Associate General Counsel, Assistant General Counsel, Senior Attorney and General Attorney.

Scott C. Morrison has been Vice President and Treasurer since April 2002, and was Treasurer from September 2000 until April 2002. Prior to joining Ball, Mr. Morrison was Managing Director/Senior Banker of Corporate Banking at Bank One, Indianapolis, Indiana, from 1995 to August 2000.

Harold L. Sohn has been Vice President, Corporate Relations since March 1993. Mr. Sohn was Director, Industry Affairs, Packaging Products from 1988 to 1993.

Douglas K. Bradford has been Controller since April 2002. Mr. Bradford was Assistant Controller from May 1998 to April 2002; Senior Director, Tax Administration from January 1995 to May 1998; and Director, Tax Administration, from July 1989 to January 1995.

Frank A. Bracken has been a director since 1995. Mr. Bracken is President and Director of the George and Frances Ball Foundation in Muncie, Indiana. Mr. Bracken was Of Counsel with the law firm of Bingham Summers Welsh & Spilman of Indianapolis, Indiana from 1994 to 2001. From 1989 to 1993, he was Deputy Secretary, U.S. Department of the Interior, and from 1987 to 1989, he was Chairman of the Board of Ball-InCon Glass Packaging Corp. Mr. Bracken is also a director of First Merchants Corporation. Mr. Bracken is a member of the audit, executive, human resources and nominating committees.

Howard M. Dean has been a director since 1984. From 1989 to April 2002, Mr. Dean was Chairman of Dean Foods Company, a company engaged in the processing, distribution and sales of dairy, vegetables, pickle and specialty food products. From 1989 to 2001, he was Chairman and Chief Executive Officer of Dean Foods Company and from 1987 to 1989, he was President and Chief Executive Officer of Dean Foods Company. Mr. Dean is also a director of Dean Foods Company and Yellow Corporation. Mr. Dean is a member of the executive, human resources and nominating committees.

John T. Hackett has been a director since 1994. Mr. Hackett is Chairman of the Board of Wabash National Corp. in Lafayette, Indiana. Mr. Hackett was Managing General Partner, CID Equity Partners, a provider of venture capital and mezzanine financing to high growth companies from 1991 to December 2001. From 1989 to 1991, he served as Vice President of Finance and Administration of

77

Indiana University. Prior to 1989, he served as Executive Vice President, Chief Financial Officer and Director of Cummins Engine Company. Mr. Hackett is also a director of Irwin Financial Corporation and Wabash National Corp. Mr. Hackett is a member of the executive, human resources and nominating committees.

John F. Lehman has been a director since 1987. Since 1990, Mr. Lehman has been Chairman of J.F. Lehman & Company, a private equity investment firm that specializes in acquisitions in aerospace, marine and engineering industries. Mr. Lehman has also been Chairman of the Board of OAO Technology Solutions, Inc. since 2001. From 1993 to 1996, he served as Chairman of the Board of Sperry Marine Inc., which was acquired by J.F. Lehman & Company in 1993. He served as Managing Director, Investment Banking Division of PaineWebber Inc. from 1988 to 1990 and as Secretary of the Navy from 1981 to 1987. Mr. Lehman is also a director of OAO Technology Solutions Inc. Mr. Lehman is a member of the finance, human resources and nominating committees.

Jan Nicholson has been a director since 1994. Ms. Nicholson has been President of The Grable Foundation in Pittsburgh, Pennsylvania since 1990. From 1998 to 2000, Ms. Nicholson was Managing Director, Strategic Risk Assessment of MBIA Insurance Corporation, a company engaged in guaranteeing asset-based securities and municipal bonds. From 1994 to 1998, she was Managing Director, Research and Development of Capital Markets Assurance Corporation, a company engaged in guaranteeing asset-based securities and municipal bonds, and from 1990 to 1994, she was Vice President and Manager, Northeast Department for Citicorp Real Estate. Ms. Nicholson is a member of the audit and finance committees.

George A. Sissel has been a director since 1995. Mr. Sissel was Chairman of the Board from January 2001 until April 2002; Chairman and Chief Executive Officer from January 1998 to January 2001; and Chairman, President and Chief Executive Officer of Ball from April 1996 to January 1998. He has served in various other capacities at Ball, including as Acting President; Senior Vice President, Corporate Affairs; Corporate Secretary; General Counsel; and Vice President. Mr. Sissel is also a director of CIBER, Inc. and First Merchants Corporation. Mr. Sissel is a member of the executive and finance committees of the board.

Theodore M. Solso has been a director since 2003. Mr. Solso has been the Chairman and Chief Executive Officer of Cummins Inc., a manufacturer of electrical power generation systems, engines and related technologies, since 2000. He has served in various other capacities at Cummins Inc. since 1971.

William P. Stiritz has been a director since 1983. Since 2000, Mr. Stiritz has been Chairman of Energizer Holdings, Inc. and since 1994, he has been Chairman of Ralcorp Holdings, Inc. Mr. Stiritz was the Chairman, Chief Executive Officer and President of Agribrands International, Inc., an international supplier of compound animal feed from 1998 to 2001. From 1997 to 2001, he was Chairman of Ralston Purina Company. Ralston Purina is the leading producer of pet foods. From 1982 to 1997, he was Chairman, President and Chief Executive Officer of Ralston Purina Company. Mr. Stiritz is also a director of Energizer Holdings, Inc., Ralcorp Holdings, Inc., May Department Stores Co. and Vail Resorts Inc. Mr. Stiritz is a member of the audit, human resources and nominating committees.

Stuart A. Taylor II has been a director since 1999. Since June 2001, Mr. Taylor has been Chief Executive Officer of The Taylor Group L.L.C. in Chicago, Illinois. From 1999 to 2001, he was Senior Managing Director of Bear, Stearns & Co. Inc., and from 1997 to 1999, he was Managing Director of CIBC World Markets in Chicago, Illinois. From 1995 to 1997, he was Managing Director of Bankers Trust Company, from 1993 to 1995, he was Vice President of Bankers Trust Company, and from 1991 to 1993 he was Vice President of Morgan Stanley & Co. Incorporated. Mr. Taylor is a member of the audit, finance, human resources and nominating committees.

78

VOTING SECURITIES AND PRINCIPAL SHAREHOLDERS

At the close of business on December 31, 2002, there were outstanding 56,745,360 shares of common stock (including the associated preferred stock purchase rights under the Rights Agreement dated as of January 24, 1996, between us and EquiServe Trust Company, N.A.). Each share of common stock is entitled to one vote. Shareholders do not have cumulative voting rights with respect to the election of directors.

The following table lists the beneficial ownership of our common stock, of (i) the beneficial owners of more than 5% of our outstanding common stock as of September 29, 2002; (ii) directors as of December 31, 2002; (iii) the chief executive officer and the four other most highly compensated executive officers as of December 31, 2002; and (iv) all directors and executive officers, as a group, as of December 31, 2002. Unless otherwise noted, the beneficial owner has sole voting and investment power.

Title of Class	Name of Beneficial Owner	Shares Beneficially Owned(1)	Percent of Class(2)
Common	Iridian Asset Management LLC	4,012,942(3)	7.1
Common	Janus Capital Corp.	3,022,745(3)	5.3
Common	Barclays Global Investors	3,076,408	5.4
Common	Vanguard Fiduciary Trust Company	3,101,264(4)	5.5
Common	Frank A. Bracken	602,664(5)	1.1
Common	Howard M. Dean	41,506(6)	*
Common	Hanno C. Fiedler	25,000	*
Common	John T. Hackett	46,080(7)	*
Common	R. David Hoover	577,982(8)	1.0
Common	John F. Lehman	48,328(9)	*
Common	Donald C. Lewis	78,222(10)	*
Common	Leon A. Midgett	73,217(11)	*
Common	Jan Nicholson	89,394(7)	*
Common	Raymond J. Seabrook	189,032(12)	*
Common	George A. Sissel	428,003(13)	*
Common	William P. Stiritz	555,092(14)	*
Common	Stuart A. Taylor II	22,740(15)	*
Common	David A. Westerlund	196,304(16)	*
Common	All of the directors and present executive officers as a group	3,146,152	5.5

(1) Full voting and dispositive power, unless otherwise noted.

(2) * indicates less than 1% ownership.

(3) Shared voting and dispositive power.

(4) Shared voting and dispositive power. In its capacity as Trustee for the 401(k) plan of the Ball Corporation Salary Conversion and Employee Stock Ownership Plan, and as a result of the conversion of the Series B ESOP Convertible Preferred Stock to Common Stock, which Common Stock was distributed to employee participants' accounts, Vanguard believes it may have beneficial ownership in excess of 5% of the Corporation's Common Stock.

(5) Includes 12,440 shares owned by Mr. Bracken's wife, as to which he disclaims beneficial ownership, and 20,000 shares that he may acquire during the next 60 days upon the exercise of stock options.

79

(6) Includes 500 shares owned by Mr. Dean's wife, as to which he disclaims beneficial ownership, and 20,000 shares that he may acquire during the next 60 days upon the exercise of stock options.

(7) Includes 20,000 shares that Mr. Hackett and Ms. Nicholson may each acquire during the next 60 days upon the exercise of stock options.

(8) Includes 134,358 shares held in trust for Mr. Hoover's wife, as to which he disclaims beneficial ownership, and 288,586 shares that he may acquire during the next 60 days upon the exercise of stock options.

(9) Includes 14,000 shares that Mr. Lehman may acquire during the next 60 days upon the exercise of stock options.

(10) Includes 24,000 shares that Mr. Lewis may acquire during the next 60 days upon the exercise of stock options.

(11) Includes 5,000 shares that Mr. Midgett may acquire during the next 60 days upon the exercise of stock options.

(12) Includes 800 shares owned by Mr. Seabrook's children, as to which he disclaims beneficial ownership, and 69,136 shares that he may acquire during the next 60 days upon the exercise of stock options.

(13) Includes 19,600 shares owned by Mr. Sissel's wife, as to which he disclaims beneficial ownership, and 280,000 shares that he may acquire during the next 60 days upon the exercise of stock options.

(14) Includes 100,000 shares owned by Mr. Stiritz's wife, as to which he disclaims beneficial ownership, and 20,000 shares that he may acquire during the next 60 days upon the exercise of stock options.

(15) Includes 4,000 shares that Mr. Taylor may acquire during the next 60 days upon the exercise of stock options.

(16) Includes 25,000 shares owned by Mr. Westerlund's wife, as to which he disclaims beneficial ownership, and 95,248 shares that he may acquire during the next 60 days upon the exercise of stock options.

80

New Credit Facilities

On December 19, 2002, Ball Corporation entered into a credit agreement for new credit facilities in the amount of up to the aggregate U.S. dollar equivalent of \$1.35 billion in various tranches, referred to as the new credit facilities, with Deutsche Bank AG, New York Branch, as administrative agent, The Bank of Nova Scotia, as Canadian administrative agent, Deutsche Bank Securities Inc. and Banc of America Securities LLC, as joint lead arrangers, joint mandated arrangers and joint book managers, Bank of America, N.A., as syndication agent, Bank One, NA, Lehman Commercial Paper Inc. and BNP Paribas, as co-documentation agents, and various lending institutions, of which \$1.053 billion was utilized upon consummation of the transactions. For purposes of this section "Description of Other Indebtedness," amounts converted to U.S. dollars from sterling and euros are converted at the noon buying rate in the City of New York for cable transfers as certified for customs purposes by the Federal Reserve Bank of New York on December 19, 2002.

The following is a description of the general terms that are included in the new credit facilities. This information relating to the new credit facilities is qualified in its entirety by reference to the complete text of the documents entered into or to be entered into in connection therewith. A copy of the credit agreement was filed by Ball Corporation with the SEC as Exhibit 10.1 to Ball Corporation's Current Report on Form 8-K dated December 19, 2002, and filed on December 31, 2002 and is incorporated by reference as an exhibit to the registration statement of which this prospectus is a part.

The new credit facilities are comprised of the following:

- a euro and/or sterling denominated secured term loan facility in the amount of €120 million and £79 million (or a total of \$248.9 million) which will mature in 2007, referred to as the Tranche A Euro/Sterling Term Loan Facility;
- a euro denominated secured term loan facility in the U.S. dollar equivalent amount of €294 million (or \$300.4 million) which will mature in 2009, referred to as the Tranche B Euro Term Loan Facility;
- a U.S. dollar denominated secured term loan facility in the amount of \$350 million which will mature in 2009, referred to as the Tranche B Dollar Term Loan Facility;
- a multicurrency secured revolving credit facility in the U.S. dollar equivalent amount of \$415 million which matures in 2007, referred to as the Revolving Credit Facility; and
- a Canadian dollar secured revolving credit facility in the U.S. dollar equivalent amount of \$35 million which matures in 2007, referred to as the Canadian Revolving Credit Facility.

81

Amortization Payments

The term loans will be amortized quarterly from March 31, 2003 through the date of maturity for each facility according to the following schedule:

	Tranche A Euro/Sterling Term Loan Facility	Tranche B Euro Term Loan Facility	Tranche B Dollar Term Loan Facility
Year 1	20%	1%	1%
Year 2	20%	1%	1%
Year 3	20%	1%	1%
Year 4	20%	1%	1%
Year 5	20%	1%	1%
Year 6		1%	1%
Year 7		94%	94%

Interest

For purposes of calculating interest, loans under the new credit agreement are designated as Eurocurrency Rate Loans or, in certain circumstances, Base Rate Loans or Canadian Prime Rate Loans.

Eurocurrency Rate Loans that are U.S. dollar denominated bear interest at the interbank eurocurrency rate plus a borrowing margin, as described below. Eurocurrency Rate Loans that are non-U.S. dollar denominated bear interest at the LIBOR Rate for sterling and EURIBOR Rate for euros plus a borrowing margin as described below. Interest on Eurocurrency Rate Loans shall be payable at the end of the applicable interest period in the case of interest periods of one, two or three months and every three months in the case of interest periods of six months or longer.

Base Rate Loans bear interest at (a) the greater of (i) the rate most recently announced by Deutsche Bank as its "prime rate" or (ii) the Federal Funds Rate plus $\frac{1}{2}$ of 1% per annum; plus (b) a borrowing margin, as described below. Interest on Base Rate Loans shall be payable quarterly in arrears.

Canadian Prime Rate Loans bear interest at the higher of (a) the annual rate of interest announced publicly by the Canadian administrative agent and in effect as its prime rate on such day for determining interest rates on Canadian dollar-denominated commercial loans made in Canada and (b) 0.75% per annum above the CDOR Rate in effect on such date.

The credit agreement provides that the initial applicable borrowing margins for the new credit facilities shall be as follows:

	Eurocurrency Rate Loans	Base Rate Loans
Revolving Credit Facility	2.00%	1.00%
Canadian Revolving Credit Facility(1)	2.00%	1.00%
Tranche A Euro/Sterling Term Loan Facility	2.00%	N/A
Tranche B Euro Term Loan Facility	2.50%	N/A
Tranche B Dollar Term Loan Facility	2.25%	1.50%

(1) The same rates apply to bankers' acceptances for the Canadian Revolving Credit Facility.

The credit agreement provides that the borrowing margins for the Revolving Credit Facility, the Canadian Revolving Credit Facility and the Tranche A Term Loan Facility will be subject to the following pricing grid commencing six months after the initial funding:

Leverage Ratio	Eurocurrency Rate Loans(1)	Base Rate Loans
Greater than or equal to 3.0x	2.00%	1.00%
Less than 3.0x but greater than or equal to 2.5x	1.75%	0.75%
Less than 2.5x but greater than or equal to 2.0x	1.50%	0.50%
Less than 2.0x	1.25%	0.25%

(1) The same rates apply to bankers' acceptances for the Canadian Revolving Credit Facility.

Security and Guarantees

The new credit facilities and any interest rate or other hedging arrangements entered into with any of the lenders are obligations of Ball Corporation and guaranteed by Ball Corporation and all of its present and future material domestic subsidiaries. The new credit facilities are secured by a valid first priority perfected lien or pledge on 100% of the stock of each of Ball Corporation's present and future direct and indirect material domestic subsidiaries and 65% of the stock of a European holding company formed under Luxembourg law (which, in turn, owns the European borrower, a holding company formed under Luxembourg law) and any other present and future material first tier foreign subsidiaries, to the extent owned by Ball Corporation and its domestic subsidiaries, subject to certain exceptions. The obligations under the Canadian Revolving Credit Facility are also guaranteed by the Canadian borrower's parent and any future material Canadian subsidiaries and secured by a lien or pledge on 100% of stock of the Canadian borrower and any future material Canadian subsidiaries. The obligations of the European holding company and the European subsidiary borrowers also are guaranteed and cross guaranteed by the European borrower holding company and certain of the European holding company's direct and indirect material subsidiaries and are secured by a valid first priority perfected lien or pledge on 100% of the stock of certain of the direct and indirect material subsidiaries of the European holding company.

The only material indebtedness of Ball Corporation's subsidiaries on the closing date of the new credit facilities was Industrial Development Revenue Bonds, or IRBs, in the aggregate principal amount of approximately \$27 million, an accounts receivable securitization program with a maximum facility size of \$175 million, an accounts receivable securitization facility of Schmalbach with a maximum euro equivalent facility size of €50 million and environmental loans of Schmalbach of approximately €16 million (which shall have a priority right to the assets secured thereby).

Covenants

The loan documentation contains customary negative covenants and financial covenants. During the term of the new credit facilities, the negative covenants restrict Ball Corporation and its subsidiaries' ability to do certain things, including but not limited to:

- incur additional indebtedness, including guarantees;
- create, incur, assume or permit to exist liens on property and assets;
- enter into sale and lease-back transactions;
- make loans and investments;
- engage in acquisitions and asset dispositions;

- declare or pay dividends and make distributions or restrict the ability of our subsidiaries to pay dividends and make distributions; and
- enter into transactions with affiliates.

The following financial covenants will be included:

- minimum interest coverage ratio;
- maximum leverage ratio; and
- minimum fixed charge coverage ratio.

Mandatory Prepayment

Ball Corporation expects to be required to make a mandatory prepayment of the term loans in an amount equal to 50% of excess cash flow as defined in the loan documentation when the total leverage ratio is 3.0x or greater. In addition, Ball Corporation expects to be required to make a mandatory prepayment of the term loans with, among other things:

- 100% of the net cash proceeds of any asset sale, subject to certain exceptions; and
- 100% of the net cash proceeds of certain debt issuance.

Except as specified above with respect to the proceeds of senior unsecured or senior subordinated notes, mandatory prepayments shall be made on a pro rata basis; provided that, at our option, the lenders under the Tranche B Euro Term Loan Facility and the Tranche B Dollar Term Loan Facility may be given the option to accept or reject a voluntary prepayment with any declined amounts being then applied first to the Tranche A Term Loan Facility and then to outstanding loans under the Revolving Credit Facility and the Canadian Revolving Credit Facility.

Events of Default

The loan documentation for the new credit facilities contains customary events of default, including, but not limited to, cross defaults to Ball Corporation's other material debt and certain change of control events.

2006 Notes

General

The following summary of the 2006 notes does not purport to be complete and is qualified in its entirety by reference to the indenture, dated August 10, 1998, as amended and restated on December 19, 2002, governing the 2006 notes, the 2006 indenture, and filed with the SEC by Ball Corporation on its Current Report on Form 8-K, dated December 19, 2002 and filed on December 31, 2002 and is incorporated by reference as an exhibit to the registration statement of which this prospectus is a part.

The 2006 notes are unsecured senior obligations of Ball Corporation. They rank senior in right of payment to all of Ball Corporation's existing and future unsecured subordinated debt and equally in right of payment with all of Ball Corporation's existing and future unsecured senior debt, including the notes.

Principal, Maturity and Interest

The aggregate principal amount of the 2006 notes is \$300.0 million and the 2006 notes will mature on August 1, 2006. Interest on the 2006 notes accrues at a rate of 7³/₄% per annum and is payable semiannually in arrears on February 1 and August 1 of each year to holders of record on the immediately preceding January 15 and July 15.

Subsidiary Guarantees

Ball Corporation's payment obligations under the 2006 notes are fully and unconditionally guaranteed on an unsecured senior basis by certain of Ball Corporation's domestic subsidiaries. The 2006 notes are not guaranteed by Ball Corporation's foreign subsidiaries.

Optional Redemption

At our option, we may redeem the 2006 notes in whole, but not in part, at any time at a redemption price equal to the sum of (a) an amount equal to 100% of the principal amount thereof and (b) the Senior Make-Whole Premium, together with accrued and unpaid interest, if any, to the date fixed for redemption.

"Senior Make-Whole Premium" means, with respect to any 2006 note at any redemption date, the excess, if any, of (i) the aggregate discounted present value of the principal and the amount of interest (exclusive of interest accrued to the date of redemption) that would have been payable if the note was not redeemed, discounting such principal and interest at a rate equal to the Treasury Yield plus 0.5% per annum, from the respective dates on which such principal and interest would have been payable if the notes were not redeemed, over (ii) the aggregate principal amount of the 2006 notes being redeemed.

"Treasury Yield" means, in connection with the calculation of any Senior Make-Whole Premium on any 2006 note, the yield to maturity at the time of computation of United States Treasury securities with a constant maturity (as compiled by and published in the most recent Federal Reserve Statistical Release H.15 (519) that has become publicly available at least two business days prior to the date fixed for redemption (or, if such Statistical Release is no longer published, any publicly available source of similar data)) equal to the then remaining maturity of such 2006 note; provided that if no United States Treasury security is available with such a constant maturity and for which a closing yield is given, the Treasury Yield shall be obtained by linear interpolation (calculated to the nearest one-twelfth of a year) from the closing yields of United States Treasury securities for which such yields are given, except that if the remaining maturity of such 2006 note is less than one year, the weekly average yield on actually traded United States Treasury securities adjusted to a constant maturity of one year shall be used.

Change of Control

Upon a change of control, as defined in the 2006 indenture, the holders of the 2006 notes have the right to require us to repurchase the 2006 notes at a purchase price equal to 101% of their total principal amount on the date of purchase, plus accrued and unpaid interest to the date of repurchase.

Certain Covenants

The 2006 indenture contains certain covenants for the benefit of the holders of the 2006 notes which restrict our ability to, among other things: borrow additional money; pay dividends or make certain other restricted payments or investments; sell certain assets; enter into transactions with affiliates; create liens; and merge or consolidate with any other person, or sell all or substantially all of our assets.

The 2006 indenture also provides that if the ratings assigned to 2006 notes are Investment Grade Ratings and no default or event of default has occurred and is continuing, certain of these restrictions will be suspended.

Such covenants are also subject to certain other limitations and exceptions.

"Investment Grade Ratings" means ratings assigned to the 2006 notes by both Standard & Poor's Ratings Group and Moody's Investors Service, Inc. equal to or higher than BBB- and Baa3, or the equivalents thereof, respectively.

2008 Notes

General

The following summary of the 2008 notes does not purport to be complete and is qualified in its entirety by reference to the indenture, dated August 10, 1998, as amended and restated on December 19, 2002, governing the 2008 notes, the 2008 indenture, and filed with the SEC by Ball Corporation on its Current Report on Form 8-K, dated December 19, 2002 and filed on December 31, 2002, and is incorporated by reference as an exhibit to the registration statement of which this prospectus is a part.

The 2008 notes are unsecured senior subordinated obligations of Ball Corporation. They are subordinate in right of payment to all of Ball Corporation's existing and future senior debt, including the borrowings under the new credit facilities, the 2006 notes and the notes.

Principal, Maturity and Interest

The aggregate principal amount of the 2008 notes is \$250.0 million and the 2008 notes will mature on August 1, 2008. Interest on the 2008 notes accrues at a rate of 8¹/₄% per annum and is payable semiannually in arrears on February 1 and August 1 of each year to holders of record on the immediately preceding January 15 and July 15.

Subsidiary Guarantees

Our payment obligations under the 2008 notes are fully and unconditionally guaranteed on an unsecured senior subordinated basis by certain of Ball Corporation's domestic subsidiaries. The 2008 notes are not guaranteed by Ball Corporation's foreign subsidiaries.

Optional Redemption

On or after August 1, 2003, we may redeem all or some of the 2008 notes, upon not less than 30 nor more than 60 days' notice, at the redemption prices expressed as percentages of principal amount set forth below plus accrued and unpaid interest, if any, to the applicable redemption date, if redeemed during the 12 month period beginning on August 1 of the years indicated below:

Year	Percentage
2003	104.125%
2004	102.750%
2005	101.375%
2006 and thereafter	100.000%

Notwithstanding the foregoing, at any time before August 1, 2001, we may redeem up to 35% of the total initial amount of the 2008 notes at a redemption price of 108.25% of the principal amount of the 2008 notes, plus in such case, accrued and unpaid interest, if any, thereon, with the net proceeds of one or more equity offerings to the public, within 90 days of the closing of such equity offering.

Change of Control

Upon a change of control, as defined in 2008 indenture, the holders of the 2008 notes have the right to require us to repurchase the 2008 notes at a purchase price equal to 101% of their total principal amount on the date of purchase, plus accrued and unpaid interest to the date of repurchase.

Certain Covenants

The indenture contains certain covenants for the benefit of the holders of the 2008 notes which restrict our ability to, among other things: borrow additional money; pay dividends or make certain other restricted payments or investments; sell certain assets; enter into transactions with affiliates; create liens; and merge or consolidate with any other person, or sell all or substantially all of our assets.

The indenture provides that if the ratings assigned to the 2008 notes are Investment Grade Ratings and no default or event of default has occurred and is continuing, certain of these restrictions will be suspended.

Such covenants are subject to certain other limitations and exceptions.

"Investment Grade Ratings" means ratings assigned to the 2008 notes by both Standard & Poor's Ratings Group and Moody's Investors Service, Inc. equal to or higher than BBB- and Baa3, or the equivalents thereof, respectively.

Accounts Receivable Securitization Program—Ball

On December 7, 1999, a previously formed special purpose subsidiary of Ball Corporation, the securitization entity, entered into (1) a receivables purchase agreement with Ball Metal Food Container Corp., Ball Plastic Container Corp., Ball Metal Beverage Container Corp., collectively, the originators, and Ball Corporation, as the originators' agent, and (2) a receivables sale agreement with ABN AMRO Bank N.V., or ABN AMRO, as agent, liquidity provider and enhancer, Amsterdam Funding Corporation, or Amsterdam, as a purchaser, and Ball Corporation, as the initial collection agent. The receivables purchase agreement and the receivables sale agreement established the "receivables facility". Under the receivables purchase agreement, the securitization entity purchases receivables generated by the originators on a revolving basis. Under the receivables sale agreement, the securitization entity, upon satisfaction of certain conditions, is permitted to sell an undivided fractional ownership interest in certain of the receivables up to \$175 million. Amsterdam may purchase accounts receivable with proceeds from the issuance of commercial paper, and if Amsterdam does not purchase them, ABN AMRO will purchase the accounts receivable. The receivables facility is secured by, among other things, the receivables that have been sold or contributed by the originators to the securitization entity in which the securitization entity has subsequently sold an undivided fractional ownership interest to the purchasers under the receivables sale agreement. The receivables facility is intended to be treated as a sale of receivables for financial reporting purposes.

Proceeds from the receivables facility are utilized by the securitization entity to simultaneously purchase accounts receivable from the originators and each originator is permitted to utilize these proceeds for their general corporate purposes.

Term

The receivables facility will terminate and collections will be applied to wind down the receivables facility on earliest to occur of (1) May 28, 2003, (2) certain bankruptcy events, (3) any date following a termination event and (4) a day designated by the securitization entity following five business days' notice thereof to ABN AMRO. Such date is referred to as the facility termination date. The receivables facility may be renewed, subject to the discretion of ABN AMRO.

Security

The receivables facility is secured by a first priority security interest in the accounts receivable and certain other related assets owned by the securitization entity and these assets will not be available for use by us or to satisfy any obligation owed to you under the notes.

Guaranty

At the closing of the receivables facility, Ball Corporation provided a guaranty of all of the performance obligations and certain of the payment obligations, such as indemnities, fees, expenses or similar obligations, of the securitization entity under the receivables facility.

Maturity and Amortization

To the extent the securitization entity's purchases of accounts receivable from the originators are financed under the receivables facility, these advances shall be repaid out of collections on such accounts receivable unless such collections are reinvested in additional accounts receivable as permitted under the receivables purchase agreement. Any amounts outstanding under the facility on the facility termination date shall be re-paid out of collections or otherwise.

Interest

Borrowings by the securitization entity under the receivables facility bear interest at a rate based on commercial paper notes or at the prime rate. Upon the occurrence of a termination event under the receivables sale agreement, borrowings by the securitization entity under the receivables facility will bear interest at the applicable rate plus 2%. The securitization entity has agreed to pay program fees, structuring fees and certain other fees and expenses and to provide certain indemnities, all of which we and the securitization entity believe to be customary for financings of this type.

Representations, Warranties and Covenants

The receivables sale agreement contains representations, warranties and affirmative and negative covenants customary for these financings including, without limitation, representations concerning the quality of the underlying receivables that serve as collateral for the facility, as well as separateness covenants regarding the bankruptcy remoteness of the securitization entity from Ball Corporation and its subsidiaries.

Deemed Collections

The securitization entity is entitled to an adjustment to the sold interest for any account receivable which it purchases from the originators under the receivables purchase agreement if the outstanding balance of the receivable is reduced or cancelled as a result of certain events or if there is a breach of a representation or warranty relating to eligibility criteria concerning these accounts receivable as of the date of sale of these accounts receivable to the securitization entity.

Servicing

Ball Corporation is engaged to perform certain administrative and reporting functions on behalf of the securitization entity under the receivables sale agreement. Ball Corporation is compensated with a market rate fee for performing these services.

Termination Events

Each of the receivables purchase agreement and the receivables sale agreement contains termination events customary for this type of financing, including, but not limited to: any representation, warranty or statement proves to be incorrect in any material respect when made; the failure to make any payment or transfer of funds when due; the failure to observe or perform covenants; the occurrence of certain bankruptcy events; the failure to meet certain ratios or percentages concerning the financial quality of the receivables sold under the receivables facility; the occurrence of an event which disputes the enforceability of the documents evidencing the receivables facility; the failure to pay

indebtedness as it becomes due or acceleration of indebtedness; the reduction in Ball Corporation's long-term unsecured, unsubordinated indebtedness rating to less than BB or B1 or less than both BB and Ba3; the occurrence of a change of control; the occurrence of a collection agent replacement event; the occurrence of certain litigation events; the occurrence of an impairment of the collectibility of the receivables; certain prior consents are not obtained when necessary; Ball Corporation's default or failure to observe or perform covenants or agreements contained in the Credit Agreement, dated as of December 19, 2002, among Ball Corporation, certain subsidiaries of Ball Corporation, Deutsche Bank AG, New York Branch, The Bank of Nova Scotia, Deutsche Bank Securities Inc., Banc of America Securities LLC, Bank of America, N.A., Bank One, NA, Lehman Commercial Paper Inc., BNP Paribas and various lending institutions party thereto, as the replacement agreement for the Long-Term Credit Agreement, dated as of August 10, 1998; defaults or failures to perform in connection with the lockbox banks and lockbox agreements; and a disruption of the valid, first-priority, perfected ownership interest in the receivables. Certain of the termination events allow for grace periods and materiality qualifications.

Accounts Receivable Securitization Facility—Schmalbach

On June 27, 2002, Schmalbach–Lubeca AG (now Schmalbach–Lubeca GmbH) and two of its subsidiaries, Continental Can Company Limited, or CCCL, and Continental Can France S.A.S., or CCF, collectively, the sellers, entered into a receivables financing facility pursuant to the terms of (1) the German receivables purchase agreement among Schmalbach–Lubeca AG, International Preferred Securitization (Interprise) B.V., or purchaser, and Bank One, NA, or agent, (2) the UK receivables purchase agreement among Schmalbach–Lubeca AG, CCCL, purchaser and agent, (3) the French receivables subrogation agreement among Schmalbach–Lubeca AG, CCF, CCCL and agent and (4) the French onward subrogation agreement among Schmalbach–Lubeca AG, CCCL, purchaser and agent, each of which sets forth the terms of and mechanics for the receivables financing facility. Pursuant to the terms of the four above-mentioned documents, hereinafter referred to as the origination agreements, each seller, upon satisfaction of certain conditions, is permitted to make a request that purchaser buy certain of its accounts receivable in an aggregate amount paid therefor of up to €50 million, or such other number agreed to by the parties. Purchaser may, but is under no obligation to, purchase the accounts receivable generated by the sellers on a revolving basis. Similarly, any seller may, but is under no obligation to, make an offer to sell the accounts receivable on a revolving basis. If an offer is made and accepted, the accounts receivable are purchased by purchaser with proceeds from the issuance of commercial paper issued by an affiliate of purchaser. The origination agreements purport to transfer title in the accounts receivable, any replacement of the accounts receivable and all items of security related to the accounts receivable.

Term

The receivables financing facility will terminate and collections will be applied to wind down the facility on the earliest to occur of any of the following:

•

a certain date designated as such by any seller as the facility termination date following 30 local business days' notice to agent of such seller's intent to terminate the facility;

- the date on which a liquidation, reorganization, receivership, wind-up or similar event occurs with respect to any seller;
- a certain date designated as such by agent following the occurrence of a termination event (described below); or
- the earlier of the date falling five years after the closing date of the facility and the date on which the liquidity facility thereunder is not renewed.

Interest, Fees and Indemnity

Amounts received by the sellers under the receivables facility bear interest at a rate based on the market cost of commercial paper notes, at the EURIBOR rate plus a margin or at agent's base rate. Upon the occurrence of a termination event under the origination agreements, amounts received by the sellers under the receivables facility will bear interest at the agent's base rate plus 2%. The sellers have agreed to pay program fees, structuring fees and certain other fees and expenses to purchaser and to provide certain indemnities to purchaser and agent in connection with their participation in the facility.

Security

Prior to a termination event, the accounts receivable are sold outright to the relevant purchaser. Following the declaration of a termination event, further purchases cease and receivables are directed to be paid into collection accounts for the benefit of the purchasers.

Guaranty

Schmalbach–Lubeca AG guarantees all of the payment and performance obligations of CCCL and CCF under the receivables financing facility.

Maturity and Amortization

The amounts collected with respect to the accounts receivable are initially deposited into a collection account and are paid to the purchaser on a monthly basis. If, however, the purchaser agrees to purchase additional accounts receivable, the collections can be reinvested by Schmalbach–Lubeca AG as payment for the additional accounts. Any amounts outstanding under the facility on the facility termination date shall be repaid out of collections or otherwise.

Representations, Warranties and Covenants

The origination agreements contain representations, warranties and affirmative and negative covenants, including, without limitation, representations relating to title and other aspects concerning the quality of the underlying receivables sold pursuant to the facility. The sellers are required to take certain actions and refrain from certain actions in connection with the facility, both with respect to their corporate operations and with respect to the receivables.

Deemed Collections

Purchaser is entitled to an adjustment to purchased interest for any account receivable which is reduced or cancelled as a result of certain events or if there is a breach of a representation or warranty relating to eligibility criteria concerning the accounts receivable. Such adjustment is reflected as a credit to purchaser's account.

Servicing

Schmalbach–Lubeca AG holds the role of servicer under the receivables financing facility. As servicer, Schmalbach–Lubeca AG is obligated to take certain actions with respect to the receivables on behalf of purchaser. No fee is paid to Schmalbach–Lubeca AG for performing these services.

Termination Events

Each of the origination agreements contains termination events, including, but not limited to: the failure to make payments as required under the origination agreements; the failure to perform or observe terms, covenants or agreements in the origination agreements or the documents executed in connection therewith; the failure of any representation, warranty, certification or statement to be true

when made; the failure of any seller to pay indebtedness when due or any default under any seller's indebtedness documents; a seller ceases to carry on its business; a seller becomes insolvent or certain reorganization, winding-up, or related judicial proceedings occur; certain triggers relating to the collectibility of the receivables occur; a change of control event occurs; the origination agreements shall terminate or cease to be effective; certain servicer defaults occur; and certain financial tests fail to be met. In addition, certain of the termination events allow for grace periods and materiality concepts.

PRC Debt

Ball Corporation's subsidiary and consolidated affiliates in the PRC have short-term uncommitted non-recourse credit facilities of approximately \$82 million, of which \$52.1 million was outstanding at September 29, 2002.

Industrial Development Revenue Bonds

Ball Corporation has issued an aggregate principal amount of industrial development revenue bonds, or IRBs, in the amount of \$27.1 million and the different series of bonds will mature at various dates, the first maturity date being April 1, 2005 and the last on November 1, 2011. The interest on the IRBs accrues at a floating rate which was 1.45% in 2001 and 5% in 2000 and is payable on the first day of each month.

Environmental and Other Loans—Schmalbach

Westdeutsche Landesbank (Ireland) plc or Westdeutsche Landesbank Girocentrale has granted Schmalbach four loans in the aggregate outstanding amount of approximately €16 million, as of September 30, 2002. Interest on the first loan, of which approximately €5.9 million was outstanding as of September 30, 2002, accrues at 3.0% and the final payment is due June 30, 2009. The purpose of the loan is to co-finance the reconstruction of the afterburning unit in the Hassloch plant. Under the terms of the loan, Schmalbach cannot incur priority obligations, encumber current or future assets or sell assets without consent of Westdeutsche Landesbank (Ireland) plc.

Interest on two of the other loans, of which the aggregate amount outstanding as of September 30, 2002 was approximately €4.0 million, accrues at 5.53% and final payment is due June 30, 2010. Interest on the remaining loan, of which approximately €6.1 million was outstanding as of September 30, 2002, accrues at 6.52% and final payment is due June 30, 2010. These loans are for construction costs and equipment and machinery for environmental protection facilities. Under the terms of these loans, Schmalbach must provide a guaranty and comply with certain financial covenants.

As of September 30, 2002, Schmalbach had €3.2 million outstanding under a lease which, while classified as an operating lease under IAS, is classified as a capital lease under US GAAP.

THE EXCHANGE OFFER

Purpose of the Exchange Offer

Simultaneously with the sale of the old notes, we entered into a registration rights agreement with the initial purchasers of the old notes—Lehman Brothers, Inc., Deutsche Bank Securities Inc., Banc of America Securities LLC, Banc One Capital Markets, Inc., BNP Paribas Securities Corp., Dresdner Kleinwort Wasserstein-Grantchester, Inc., McDonald Investments Inc., SunTrust Capital Markets, Inc. and Wells Fargo Brokerage Services, LLC. Under the registration rights agreement, we agreed, among other things, to:

- use all commercially reasonable efforts to cause to be filed a registration statement relating to a registered exchange offer for the old notes with the SEC on or prior to the 90th day after the date of the issuance of the old notes;
- use all commercially reasonable efforts to cause the SEC to declare the registration statement effective under the Securities Act no later than the 180th day after the date of the issuance of the old notes; and
- use all commercially reasonable efforts to commence and consummate the exchange offer no later than the 30th business day after the registration statement was declared effective by the SEC.

We are conducting the exchange offer to satisfy our obligations under the registration rights agreement. The form and terms of the new notes are the same as the form and terms of the old notes, except that the new notes will be registered under the Securities Act; will not bear restrictive legends restricting their transfer under the Securities Act; will not be entitled to the registration rights that apply to the old notes; and will not contain provisions relating to liquidated damages in connection with the old notes under circumstances related to the timing of the exchange offer.

The exchange offer is not extended to old note holders in any jurisdiction where the exchange offer does not comply with the securities or blue sky laws of that jurisdiction.

In the event that applicable law or SEC policy do not permit us to conduct the exchange offer, or if certain holders of the old notes notify us within 20 days following consummation of the exchange offer that they are prohibited by applicable law or SEC policy from participating in the exchange offer, are not eligible to participate in the exchange offer, or would not receive freely tradeable new notes in exchange for tendered old notes in the exchange offer, we will use all commercially reasonable efforts to file and cause to become effective a shelf registration statement with respect to the resale of the old notes. We also agreed to use our commercially reasonable efforts to keep the shelf registration statement effective for at least two years after its date of effectiveness.

If we fail to meet certain specified deadlines under the registration rights agreement, we will be obligated to pay liquidated damages to the holders of the old notes.

A copy of the registration rights agreement has been filed with the SEC as Exhibit 4.1 to Ball Corporation's Current Report on Form 8-K dated December 19, 2002, and filed on December 31, 2002 and is incorporated by reference as an exhibit to the registration statement of which this prospectus is a part.

Terms of the Exchange Offer

We are offering to exchange up to \$300 million total principal amount of new notes for a like total principal amount of old notes. The old notes must be tendered properly in accordance with the conditions set forth in this prospectus and the accompanying letter of transmittal on or prior to the expiration date and not withdrawn as permitted below. In exchange for old notes properly tendered and

accepted, we will issue a like total principal amount of up to \$300 million in new notes. The exchange offer is not conditioned upon holders tendering a minimum principal amount of old notes. As of the date of this prospectus, \$300 million aggregate principal amount of old notes are outstanding.

Old notes tendered in the exchange offer must be in denominations of the principal amount of \$1,000 and any integral multiple of \$1,000 in excess thereof.

Holders of the old notes do not have any appraisal or dissenters' rights in connection with the exchange offer. If you do not tender your old notes or if you tender old notes that we do not accept, your old notes will remain outstanding. Any old notes will be entitled to the benefits of the indenture but will not be entitled to any further registration rights under the registration rights agreement, except under limited circumstances. Existing transfer restrictions would continue to apply to such old notes. See "Risk Factors—Consequences of a Failure to Exchange Old Notes" for more information regarding old notes outstanding after the exchange offer.

After the expiration date, we will return to the holder any tendered old notes that we did not accept for exchange.

None of us, our board of directors or our management recommends that you tender or not tender old notes in the exchange offer or has authorized anyone to make any recommendation. You must decide whether to tender in the exchange offer and, if you decide to tender, the aggregate amount of old notes to tender.

The expiration date is 5:00 p.m., New York City time, on _____, 2003, or such later date and time to which we extend the exchange offer.

We have the right, in accordance with applicable law, at any time:

- to delay the acceptance of the old notes;
- to terminate the exchange offer and not accept any old notes for exchange if we determine that any of the conditions to the exchange offer have not occurred or have not been satisfied;
- to extend the expiration date of the exchange offer and retain all old notes tendered in the exchange offer other than those notes properly withdrawn; and
- to waive any condition or amend the terms of the exchange offer in any manner.

If we materially amend the exchange offer, we will as promptly as practicable distribute a prospectus supplement to the holders of the old notes disclosing the change and extend the exchange offer for a period of five to ten business days, depending upon the significance of the amendment and the manner of disclosure to the registered holders, if the exchange offer would otherwise expire during the five to ten business day period.

If we exercise any of the rights listed above, we will as promptly as practicable give oral or written notice of the action to the exchange agent and will make a public announcement of such action. In the case of an extension, an announcement will be made no later than 9:00 a.m., New York City time on the next business day after the previously scheduled expiration date.

During an extension, all old notes previously tendered will remain subject to the exchange offer and may be accepted for exchange by us. Any old notes not accepted for exchange for any reason will be returned without cost to the holder that tendered them as promptly as practicable after the expiration or termination of the exchange offer.

Acceptance of Old Notes for Exchange and Issuance of New Notes

As soon as practicable after the expiration date, we will accept all old notes validly tendered and not withdrawn, and we will issue new notes registered under the Securities Act to the exchange agent.

93

The exchange agent might not deliver the new notes to all tendering holders at the same time. The timing of delivery depends upon when the exchange agent receives and processes the required documents.

We will be deemed to have exchanged old notes validly tendered and not withdrawn when we give oral or written notice to the exchange agent of our acceptance of the tendered old notes, with written confirmation of any oral notice to be given promptly thereafter. The exchange agent is our agent for receiving tenders of old notes, letters of transmittal and related documents.

In tendering old notes, you must warrant in the letter of transmittal or in an agent's message (described below) that (1) you have full power and authority to tender, exchange, sell, assign and transfer old notes, (2) we will acquire good, marketable and unencumbered title to the tendered old notes, free and clear of all liens, restrictions, charges and other encumbrances, and (3) the old notes tendered for exchange are not subject to any adverse claims or proxies. You also must warrant and agree that you will, upon request, execute and deliver any additional documents requested by us or the exchange agent to complete the exchange, sale, assignment and transfer of the old notes.

Procedures for Tendering Old Notes

Valid Tender

When the holder of old notes tenders, and we accept, old notes for exchange, a binding agreement between us, on the one hand, and the tendering holder, on the other hand, is created, subject to the terms and conditions set forth in this prospectus and the accompanying letter of transmittal. Except as set forth below, a holder of old notes who wishes to tender old notes for exchange must, on or prior to the expiration date:

- transmit a properly completed and duly executed letter of transmittal, including all other documents required by such letter of transmittal (including old notes), to the exchange agent, The Bank of New York, at the address set forth below under the heading "—Exchange Agent";
- if old notes are tendered pursuant to the book-entry procedures set forth below, the tendering holder must deliver a completed and duly executed letter of transmittal or arrange with DTC to cause an agent's message to be transmitted with the required information (including a book-entry confirmation), to the exchange agent at the address set forth below under the heading "—Exchange Agent"; or
- comply with the provisions set forth below under "—Guaranteed Delivery."

In addition, on or prior to the expiration date:

- the exchange agent must receive the certificates for the old notes and the letter of transmittal;
- the exchange agent must receive a timely confirmation of the book-entry transfer of the old notes being tendered into the exchange agent's account at DTC, along with the letter of transmittal or an agent's message; or
- the holder must comply with the guaranteed delivery procedures described below.

The letter of transmittal or agent's message may be delivered by mail, facsimile, hand delivery or overnight carrier, to the exchange agent.

The term "agent's message" means a message transmitted to the exchange agent by DTC which states that DTC has received an express acknowledgment that the tendering holder agrees to be bound by the letter of transmittal and that we may enforce the letter of transmittal against such holder. The agent's message forms a part of a book-entry transfer.

94

If you beneficially own old notes and those notes are registered in the name of a broker, dealer, commercial bank, trust company or other nominee or custodian and you wish to tender your old notes in the exchange offer, you should contact the registered holder as soon as possible and instruct it to tender the old notes on your behalf and comply with the instructions set forth in this prospectus and the letter of transmittal.

If you tender fewer than all of your old notes, you should fill in the amount of notes tendered in the appropriate box on the letter of transmittal. If you do not indicate the amount tendered in the appropriate box, we will assume you are tendering all old notes that you hold.

The method of delivery of the certificates for the old notes, the letter of transmittal and all other required documents is at the election and sole risk of the holders. If delivery is by mail, we recommend registered mail with return receipt requested, properly insured, or overnight delivery service. In all cases, you should allow sufficient time to assure timely delivery. No letters of transmittal or old notes should be sent directly to us. Delivery is complete when the exchange agent actually receives the items to be delivered. Delivery of documents to DTC in accordance with DTC's procedures does not constitute delivery to the exchange agent.

Signature Guarantees

Signatures on a letter of transmittal or a notice of withdrawal, as the case may be, must be guaranteed unless the old notes surrendered for exchange are tendered:

- by a registered holder of old notes who has not completed the box entitled "Special Issuance Instructions" or "Special Delivery Instructions" on the letter of transmittal; or
- for the account of an eligible institution.

An "eligible institution" is a firm or other entity which is identified as an "Eligible Guarantor Institution" in Rule 17Ad-15 under the Exchange Act, including:

- a bank;
- a broker, dealer, municipal securities broker or dealer or government securities broker or dealer;
- a credit union;
- a national securities exchange, registered securities association or clearing agency; or
- a savings association.

If signatures on a letter of transmittal or notice of withdrawal are required to be guaranteed, the guarantor must be an eligible institution.

If old notes are registered in the name of a person other than the signer of the letter of transmittal, the old notes surrendered for exchange must be endorsed or accompanied by a written instrument or instruments of transfer or exchange, in satisfactory form as determined by us in our sole discretion, duly executed by the registered holder with the holder's signature guaranteed by an eligible institution.

Book-Entry Transfers

For tenders by book-entry transfer of old notes cleared through DTC, the exchange agent will make a request to establish an account at DTC for purposes of the exchange offer. Any financial institution that is a DTC participant may make book-entry delivery of old notes by causing DTC to transfer the old notes into the exchange agent's account at DTC in accordance with DTC's procedures for transfer. The exchange agent and DTC have confirmed that any financial institution that is a participant in DTC may use the Automated Tender Offer Program, or ATOP, procedures to tender old notes. Accordingly, any participant in DTC may make book-entry delivery of old notes by causing DTC

to transfer those old notes into the exchange agent's account in accordance with its ATOP procedures for transfer.

Notwithstanding the ability of holders of old notes to effect delivery of old notes through book-entry transfer at DTC, either:

- the letter of transmittal or a facsimile thereof, or an agent's message in lieu of the letter of transmittal, with any required signature guarantees and any other required documents must be transmitted to and received by the exchange agent prior to the expiration date at the address given below under "—Exchange Agent"; or
- the guaranteed delivery procedures described below must be complied with.

Guaranteed Delivery

If a holder wants to tender old notes in the exchange offer and (1) the certificates for the old notes are not immediately available or all required documents are unlikely to reach the exchange agent on or prior to the expiration date, or (2) a book-entry transfer cannot be completed on a timely basis, the old notes may be tendered if the holder complies with the following guaranteed delivery procedures:

- the tender is made by or through an eligible institution;
- the eligible institution delivers a properly completed and duly executed notice of guaranteed delivery, substantially in the form provided, to the exchange agent on or prior to the expiration date:
 - setting forth the name and address of the holder of the old notes being tendered and the amount of the old notes being tendered;
 - stating that the tender is being made; and

- guaranteeing that, within three (3) New York Stock Exchange trading days after the date of execution of the notice of guaranteed delivery, the certificates for all physically tendered old notes, in proper form for transfer, or a book-entry confirmation, as the case may be, together with a properly completed and duly executed letter of transmittal, or an agent's message, with any required signature guarantees and any other documents required by the letter of transmittal, will be deposited by the eligible institution with the exchange agent; and
- the exchange agent receives the certificates for the old notes, or a confirmation of book-entry transfer, and a properly completed and duly executed letter of transmittal, or an agent's message in lieu thereof, with any required signature guarantees and any other documents required by the letter of transmittal within three (3) New York Stock Exchange trading days after the notice of guaranteed delivery is executed for all such tendered old notes.

You may deliver the notice of guaranteed delivery by hand, facsimile, mail or overnight delivery to the exchange agent and you must include a guarantee by an eligible institution in the form described above in such notice.

Our acceptance of properly tendered old notes is a binding agreement between the tendering holder and us upon the terms and subject to the conditions of the exchange offer.

Determination of Validity

We, in our sole discretion, will resolve all questions regarding the form of documents, validity, eligibility, including time of receipt, and acceptance for exchange of any tendered old notes. Our

96

determination of these questions as well as our interpretation of the terms and conditions of the exchange offer, including the letter of transmittal, will be final and binding on all parties. A tender of old notes is invalid until all defects and irregularities have been cured or waived. Holders must cure any defects and irregularities in connection with tenders of old notes for exchange within such reasonable period of time as we will determine, unless we waive the defects or irregularities. Neither us, any of our affiliates or assigns, the exchange agent nor any other person is under any obligation to give notice of any defects or irregularities in tenders nor will they be liable for failing to give any such notice.

We reserve the absolute right, in our sole and absolute discretion:

- to reject any tenders determined to be in improper form or unlawful;
- to waive any of the conditions of the exchange offer; and
- to waive any condition or irregularity in the tender of old notes by any holder, whether or not we waive similar conditions or irregularities in the case of other holders.

If any letter of transmittal, endorsement, bond power, power of attorney, or any other document required by the letter of transmittal is signed by a trustee, executor, administrator, guardian, attorney-in-fact, officer of a corporation or other person acting in a fiduciary or representative capacity, that person must indicate such capacity when signing. In addition, unless waived by us, the person must submit proper evidence satisfactory to us, in our sole discretion, of his or her authority to so act.

Resales of New Notes

Based on interpretive letters issued by the SEC staff to third parties in transactions similar to the exchange offer, we believe that a holder of new notes, other than a broker-dealer, may offer new notes for resale, resell and otherwise transfer the new notes without delivering a prospectus to prospective purchasers, if the holder acquired the new notes in the ordinary course of business, has no intention of engaging in a "distribution" (as defined under the Securities Act) of the new notes and is not an "affiliate" of Ball (as defined under the Securities Act). We will not seek our own interpretive letter. As a result, we cannot assure you that the staff will take the same position on this exchange offer as it did in interpretive letters to other parties in similar transactions.

By tendering old notes, the holder, other than participating broker-dealers, as defined below, of those old notes will represent to us that, among other things:

- the new notes acquired in the exchange offer are being obtained in the ordinary course of business of the person receiving the new notes, whether or not that person is the holder;
- neither the holder nor any other person receiving the new notes is engaged in, intends to engage in or has an arrangement or understanding with any person to participate in a "distribution" (as defined under the Securities Act) of the new notes; and
- neither the holder nor any other person receiving the new notes is an "affiliate" (as defined under the Securities Act) of Ball.

If any holder or any such other person is an "affiliate" of Ball or is engaged in, intends to engage in or has an arrangement or understanding with any person to participate in a "distribution" of the new notes, such holder or other person:

- may not rely on the applicable interpretations of the staff of the SEC referred to above; and
- must comply with the registration and prospectus delivery requirements of the Securities Act in connection with any resale transaction.

97

Each broker-dealer that receives new notes for its own account in exchange for old notes must represent that the old notes to be exchanged for the new notes were acquired by it as a result of market-making activities or other trading activities and acknowledge that it will deliver a prospectus meeting the requirements of the Securities Act in connection with any offer to resell, resale or other retransfer of the new notes. Any such broker-dealer is referred to as a participating broker-dealer. However, by so acknowledging and by delivering a prospectus, the participating broker-dealer will not be deemed to admit that it is an "underwriter" (as defined under the Securities Act). If a broker-dealer acquired old notes as a result of market-making or other trading activities, it may use this prospectus, as amended or supplemented, in connection with offers to resell, resales or retransfers of new notes received in exchange for the old notes pursuant to the exchange offer. We have agreed that, during the period ending 180 days after the consummation of the exchange offer, subject to extension in limited circumstances, we will use all commercially reasonable efforts to keep the exchange offer registration statement effective and make this

prospectus available to any broker-dealer for use in connection with any such resale. See "Plan of Distribution and Selling Restrictions" for a discussion of the exchange and resale obligations of broker-dealers in connection with the exchange offer.

Withdrawal Rights

You can withdraw tenders of old notes at any time prior to 5:00 p.m., New York City time, on the expiration date.

For a withdrawal to be effective, you must deliver a written notice of withdrawal to the exchange agent. The notice of withdrawal must:

- specify the name of the person tendering the old notes to be withdrawn;
- identify the old notes to be withdrawn, including the total principal amount of old notes to be withdrawn; and
- where certificates for old notes are transmitted, the name of the registered holder of the old notes if different from the person withdrawing the old notes.

If you delivered or otherwise identified old notes to the exchange agent, you must submit the serial numbers of the old notes to be withdrawn and the signature on the notice of withdrawal must be guaranteed by an eligible institution, except in the case of old notes tendered for the account of an eligible institution. If you tendered old notes as a book-entry transfer, the notice of withdrawal must specify the name and number of the account at DTC to be credited with the withdrawn old notes and you must deliver the notice of withdrawal to the exchange agent. You may not rescind withdrawals of tender; however, old notes properly withdrawn may again be tendered at any time on or prior to the expiration date.

We will determine all questions regarding the form of withdrawal, validity, eligibility, including time of receipt, and acceptance of withdrawal notices. Our determination of these questions as well as our interpretation of the terms and conditions of the exchange offer (including the letter of transmittal) will be final and binding on all parties. Neither us, any of our affiliates or assigns, the exchange agent nor any other person is under any obligation to give notice of any irregularities in any notice of withdrawal, nor will they be liable for failing to give any such notice.

Withdrawn old notes will be returned to the holder after withdrawal. In the case of old notes tendered by book-entry transfer through DTC, the old notes withdrawn or not exchanged will be credited to an account maintained with DTC. The old notes will be returned or credited to the account maintained with DTC as soon as practicable after withdrawal, rejection of tender or termination of the exchange offer. Any old notes which have been tendered for exchange but which are not exchanged for any reason will be returned to the holder thereof without cost to the holder.

98

Properly withdrawn old notes may again be tendered by following one of the procedures described under "—Procedures for Tendering Old Notes" above at any time prior to 5:00 p.m., New York City time, on the expiration date.

Conditions to the Exchange Offer

Notwithstanding any other provision of the exchange offer, we are not required to accept for exchange, or to issue new notes in exchange for, any old notes, and we may terminate or amend the exchange offer, if at any time prior to 5:00 p.m., New York City time, on the expiration date, we determine that the exchange offer violates applicable law or SEC policy.

The foregoing conditions are for our sole benefit, and we may assert them regardless of the circumstances giving rise to any such condition, or we may waive the conditions, completely or partially, whenever or as many times as we choose, in our reasonable discretion. The foregoing rights are not deemed waived because we fail to exercise them, but continue in effect, and we may still assert them whenever or as many times as we choose. If we determine that a waiver of conditions materially changes the exchange offer, the prospectus will be amended or supplemented, and the exchange offer extended, if appropriate, as described under "—Terms of the Exchange Offer."

In addition, at a time when any stop order is threatened or in effect with respect to the registration statement of which this prospectus constitutes a part or with respect to the qualification of the indenture under the Trust Indenture Act of 1939, as amended, we will not accept for exchange any old notes tendered, and no new notes will be issued in exchange for any such old notes.

If we terminate or suspend the exchange offer based on a determination that the exchange offer violates applicable law or SEC policy, the registration rights agreement requires that we, as soon as practicable after such determination, use all commercially reasonable efforts to cause a shelf registration statement covering the resale of the old notes to be filed and declared effective by the SEC. See "—Registration Rights and Additional Interest on the Old Notes."

Exchange Agent

We appointed The Bank of New York as exchange agent for the exchange offer. You should direct questions and requests for assistance, requests for additional copies of this prospectus or of the letter of transmittal and requests for notices of guaranteed delivery to the exchange agent at the address and phone number as follows:

By Registered or Certified Mail
or Overnight Delivery:
The Bank of New York
101 Barclay Street, 7 East
New York, New York 10286
Attention: Enrique Lopez,
Reorganization Area

Facsimile Transmissions:
(212) 298-1915
(Eligible Institutions Only)

Confirm by Telephone:
(212) 815-2742
Enrique Lopez

By Hand Delivery:
The Bank of New York
101 Barclay Street
Corporate Trust Services Window
Ground Level
Attention: Reorganization Area

If you deliver letters of transmittal and any other required documents to an address or facsimile number other than those listed above, your tender is invalid.

Fees and Expenses

The registration rights agreement provides that we will bear all expenses in connection with the performance of our obligations relating to the registration of the new notes and the conduct of the exchange offer. These expenses include registration and filing fees, accounting and legal fees and printing costs, among others. We will pay the exchange agent reasonable and customary fees for its

services and reasonable out-of-pocket expenses. We will also reimburse brokerage houses and other custodians, nominees and fiduciaries for customary mailing and handling expenses incurred by them in forwarding this prospectus and related documents to their clients that are holders of old notes and for handling or tendering for such clients.

We have not retained any dealer-manager in connection with the exchange offer and will not pay any fee or commission to any broker, dealer, nominee or other person, other than the exchange agent, for soliciting tenders of old notes pursuant to the exchange offer.

Transfer Taxes

Holders who tender their old notes for exchange will not be obligated to pay any transfer taxes in connection with the exchange. If, however, new notes issued in the exchange offer are to be delivered to, or are to be issued in the name of, any person other than the holder of the old notes tendered, or if a transfer tax is imposed for any reason other than the exchange of old notes in connection with the exchange offer, then the holder must pay any such transfer taxes, whether imposed on the registered holder or on any other person. If satisfactory evidence of payment of, or exemption from, such taxes is not submitted with the letter of transmittal, the amount of such transfer taxes will be billed directly to the tendering holder.

Accounting Treatment

The new notes will be recorded at the same carrying value as the old notes. Accordingly, we will not recognize any gain or loss for accounting purposes. We intend to amortize the expenses of the exchange offer and issuance of the old notes over the term of the new notes.

Registration Rights and Additional Interest on the Old Notes

If:

- we are not permitted to consummate the exchange offer as contemplated by this prospectus because the exchange offer is not permitted by applicable law or SEC policy; or
- any holder of transfer restricted securities (as defined below) notifies us prior to the 20th day following consummation of the exchange offer that:
 - such holder is prohibited by law or SEC policy from participating in the exchange offer;
 - such holder may not resell the new notes acquired by it in the exchange offer to the public without delivering a prospectus and the prospectus contained in the exchange offer registration statement is not appropriate or available for such resales; or
 - it is a broker-dealer and owns old notes acquired directly from us or one of our affiliates,

then, we and the subsidiary guarantors will use all commercially reasonable efforts to file and cause to be effective with the SEC a shelf registration statement to cover resales of the old notes by the holders of the old notes who satisfy certain conditions relating to the provision of information in connection with the shelf registration statement.

If a shelf registration filing is required,

- we will use all commercially reasonable efforts to file such shelf registration statement with the SEC, on or prior to 60 days after the date we determine that we are not permitted to consummate an exchange offer or on or prior to 60 days after the date we receive notice from such holder of transfer restricted securities;

100

- we will use commercially reasonable efforts to cause such shelf registration statement to become effective on or prior to 90 days after the date we become obligated to file the shelf registration statement; and
- we will use commercially reasonable efforts to keep the shelf registration statement continuously effective for at least two years following the date the shelf registration statement first becomes effective.

For purposes of the preceding, "transfer restricted securities" means each old note until:

- the date on which such old note has been exchanged by a person other than a broker-dealer for a new note in the exchange offer and entitled to be resold to the public by the holder without complying with the prospectus delivery requirements;
- following the exchange by a broker-dealer in the exchange offer of an old note for a new note, the date on which such new note is sold to a purchaser who receives from such broker-dealer on or prior to the date of such sale a copy of the prospectus contained in the exchange offer registration statement;
- the date on which such old note has been effectively registered under the Securities Act and disposed of in accordance with the shelf registration statement;
- the date on which such old note is distributed to the public pursuant to Rule 144 under the Securities Act; or
- the old note ceases to be outstanding.

If:

- (1) we and the subsidiary guarantors fail to file any of the registration statements required by the registration rights agreement on or before the date specified for such filing;
- (2)

any of such registration statements is not declared effective by the SEC on or prior to the date specified for such effectiveness, the effectiveness target date;

- (3) we and the subsidiary guarantors fail to consummate the exchange offer within 30 business days of the effectiveness target date with respect to the exchange offer registration statement; or
- (4) the shelf registration statement or the exchange offer registration statement is filed and declared effective but thereafter ceases to be effective or usable in connection with resales of transfer restricted securities during the periods specified in the registration rights agreement (each such event in clauses (1) through (4) above is referred to as a "registration default"),

then we and the subsidiary guarantors will pay liquidated damages to each holder of the old notes, with respect to the first 90-day period immediately following the occurrence of the first registration default in an amount equal to \$.05 per week per \$1,000 principal amount of old notes held by such holder.

The amount of liquidated damages will increase by an additional \$.05 per week per \$1,000 principal amount of old notes with respect to each subsequent 90-day period until all registration defaults have been cured, up to a maximum amount of liquidated damages for all registration defaults of \$.50 per week per \$1,000 principal amount of old notes. Following the cure of all registration defaults, the accrual of liquidated damages will cease.

Holders of old notes will be required (1) to make certain representations to us (as described in the registration rights agreement) in order to participate in the exchange offer, (2) to deliver certain

101

information to be used in connection with the shelf registration statement, and (3) to provide comments on the shelf registration statement within the time periods set forth in the registration rights agreement in order to have their old notes included in the shelf registration statement and benefit from the provisions regarding liquidated damages set forth above. By acquiring transfer restricted securities, a holder will be deemed to have agreed to indemnify us and the subsidiary guarantors against certain losses arising out of information furnished by such holder in writing for inclusion in any shelf registration statement. Holders of notes will also be required to suspend their use of the prospectus included in the shelf registration statement under certain circumstances upon receipt of written notice to that effect from us.

Each participating broker-dealer selling transfer restricted securities pursuant to this prospectus agrees that, upon receipt of notice from us (1) of the existence of any fact or the happening of any event that makes any statement of a material fact made in the exchange offer registration statement, the prospectus, any amendment or supplement thereto or any document incorporated by reference therein untrue or that requires the making of any additions to or changes in the exchange offer registration statement in order to make the statements therein not misleading or that requires the making of any additions to or changes in the prospectus in order to make the statements therein, in the light of the circumstances under which they were made, not misleading, or (2) of the occurrence of certain other events specified in the registration rights agreement, the participating broker-dealer will suspend the sale of transfer restricted securities until such participating broker-dealer's receipt of the copies of the supplemented or amended prospectus, or until it is advised in writing by us that the use of the prospectus may be resumed. If we give notice suspending the sale of new notes, we will extend the 180-day period by the number of days between the date we give notice of suspension and the date participating broker-dealers receive copies of the supplemented or amended prospectus or the date we give notice resuming the sale of new notes.

102

DESCRIPTION OF NEW NOTES

You can find the definitions of certain terms used in this description under the subheading "—Certain Definitions." In this description, the word "Ball" refers only to Ball Corporation and not to any of its subsidiaries, and "the notes" refers to the new notes.

The old notes were and the new notes will be, issued under an indenture dated December 19, 2002, among Ball, the Guarantors and The Bank of New York, as trustee. A copy of the indenture has been filed with the SEC as Exhibit 4.2 to Ball Corporation's Current Report on Form 8-K dated December 19, 2002, and filed on December 31, 2002 and is incorporated by reference as an exhibit to the registration statement of which this prospectus is a part. The terms of the notes include those stated in the indenture and those made part of the indenture by reference to the Trust Indenture Act of 1939, as amended. The terms of the new notes are the same as the terms of the old notes, except that (1) we registered the new notes under the Securities Act of 1933, as amended, (2) the new notes will not bear restrictive legends restricting their transfer under the Securities Act, (3) holders of the new notes are not entitled to certain rights under the registration rights agreement, and (4) the new notes will not contain provisions relating to liquidated damages in connection with the old notes under circumstances related to the timing of the exchange offer.

The following description is a summary of the material provisions of the indenture. It does not restate that agreement in its entirety. We urge you to read the indenture in its entirety because it, and not this description, defines your rights as a holder of the notes. Copies of the indenture are available as set forth below under "—Additional Information." Certain defined terms used in this description but not defined below under "—Certain Definitions" have the meanings assigned to them in the indenture.

The registered holder of a note will be treated as the owner of the note for all purposes. Only registered holders will have rights under the indenture. In this description, the term "holder" refers only to registered holders of notes.

Schmalbach-Lubeca GmbH and its subsidiaries were acquired as of the date of the indenture and have been treated as such for purposes of all provisions of the indenture and this description of new notes.

Brief Description of the Notes and the Guarantees

The Notes

The notes will be Ball's senior unsecured obligations and will rank:

- equally in right of payment to all of Ball's existing and future senior unsecured Indebtedness, including the Existing Senior Notes; and
- senior in right of payment to all of Ball's existing and future Indebtedness that expressly provides for its subordination to the notes, including the Existing Subordinated Notes.

The notes will be effectively subordinated in right of payment to any secured Indebtedness of Ball and its Subsidiaries, including borrowings under the New Credit Facilities, to the extent of the value of the assets serving as security for such secured Indebtedness. The notes will also be effectively subordinated to all liabilities, including trade payables, of Subsidiaries of Ball that are not Guarantors.

The Guarantees

Ball's payment obligations under the notes will be fully and unconditionally guaranteed, on a joint and several basis, by the Guarantors. Initially, the Guarantors will be the Domestic Subsidiaries of Ball as of the date of the indenture, other than Ball Capital Corp., Ball Asia Pacific and the Excluded Subsidiaries. Additionally, all future Domestic Subsidiaries of Ball, other than those Subsidiaries that

103

are designated as Excluded Subsidiaries or Unrestricted Subsidiaries, are expected to become Guarantors.

The subsidiary guarantee of each Guarantor will be such Guarantor's senior unsecured obligation and rank:

- equally in right of payment to all of such Guarantor's existing and future senior unsecured debt, including such Guarantor's guarantee of the Existing Senior Notes; and
- senior in right of payment to all of such Guarantor's existing and future debt that expressly provides for its subordination to such Guarantor's subsidiary guarantee, including such Guarantor's guarantee of the Existing Subordinated Notes.

Although each Domestic Subsidiary of Ball, other than Ball Capital Corp., Ball Asia Pacific and the Excluded Subsidiaries, will guarantee the notes, none of Ball's other Subsidiaries, including its Foreign Subsidiaries, will guarantee the notes. In the event of a bankruptcy, liquidation or reorganization of any of these non-guarantor subsidiaries, the non-guarantor subsidiaries will pay the holders of their debt and other liabilities, including trade payables, before they will be able to distribute any of their assets to Ball. On a pro forma basis, Ball Corporation and the guarantor subsidiaries generated 72% of our net sales for the year ended December 31, 2001 and represented 59% of our assets as of September 29, 2002.

As of the date of the indenture, all of our subsidiaries, other than Ball Capital Corp., Ball Asia Pacific and the Excluded Subsidiaries, will be "Restricted Subsidiaries." However, under the circumstances described below under the subheading "—Certain Covenants—Designation of Restricted and Unrestricted Subsidiaries," we will be permitted to designate certain of our Subsidiaries as "Unrestricted Subsidiaries." Our Unrestricted Subsidiaries will not be subject to the restrictive covenants in the indenture. Our Unrestricted Subsidiaries will not guarantee the notes.

Principal, Maturity and Interest

Ball will issue notes with a maximum aggregate principal amount of \$300 million in this offering. Ball may issue additional notes from time to time after this offering. Any offering of additional notes is subject to the covenant described below under the caption "—Certain Covenants—Incurrence of Indebtedness and Issuance of Disqualified and Preferred Stock." The notes and any additional notes subsequently issued under the indenture will be treated as a single class for all purposes under the indenture, including, without limitation, waivers, amendments, redemptions and offers to purchase. Ball will issue notes in denominations of \$1,000 and integral multiples of \$1,000. The notes will mature on December 15, 2012.

Interest on the notes will accrue at the rate of 6⁷/₈% per annum and will be payable semi-annually in arrears on June 15 and December 15, commencing on June 15, 2003. Ball will make each interest payment to persons who were holders of record as of the immediately preceding June 1 and December 1.

Interest on the notes will accrue from the date of original issuance or, if interest has already been paid, from the date it was most recently paid. Interest will be computed on the basis of a 360-day year comprised of twelve 30-day months.

Methods of Receiving Payments on the Notes

If a holder has given wire transfer instructions to Ball, Ball will pay all principal, interest and premium and Liquidated Damages, if any, on that holder's notes in accordance with those instructions. All other payments on notes will be made at the office or agency of the paying agent and registrar

104

within the City and State of New York unless Ball elects to make interest payments by check mailed to the holders at their address set forth in the register of holders.

Paying Agent and Registrar for the Notes

The trustee will initially act as paying agent and registrar. Ball may change the paying agent or registrar without prior notice to the holders of the notes, and Ball or any of its Subsidiaries may act as paying agent or registrar.

Transfer and Exchange

A holder may transfer or exchange notes in accordance with the indenture. The registrar and the trustee may require a holder, among other things, to furnish appropriate endorsements and transfer documents in connection with a transfer of notes. Holders will be required to pay all taxes due on transfer. Ball is not required to transfer or exchange any note selected for redemption. Also, Ball is not required to transfer or exchange any note for a period of 15 days before a selection of notes to be redeemed.

Subsidiary Guarantees

Ball's payment obligations under the notes will be fully and unconditionally guaranteed by each of Ball's current and future Domestic Subsidiaries, other than Ball Capital Corp., Ball Asia Pacific, the Excluded Subsidiaries and Subsidiaries designated as Unrestricted Subsidiaries. Ball's payment obligations under the notes will not be guaranteed by any of Ball's Foreign Subsidiaries. The subsidiary guarantees will be joint and several obligations of the Guarantors.

Each subsidiary guarantee will be limited to an amount not to exceed the maximum amount that can be guaranteed by the applicable Guarantor without rendering the applicable subsidiary guarantee voidable under applicable law relating to fraudulent conveyance or fraudulent transfer or similar laws affecting the rights of creditors generally or otherwise being void, voidable or unenforceable under any bankruptcy, reorganization, insolvency, liquidation or other similar legislation or legal principals. If a subsidiary guarantee were to be rendered voidable, it could be subordinated by a court to all other Indebtedness, including guarantees and other contingent liabilities, of the applicable Guarantor, and depending on the amount of such Indebtedness, a Guarantor's liability on its subsidiary guarantee could be reduced to zero. See "Risk Factors—The subsidiary guarantees of the notes could be subordinated or voided by a court."

A Guarantor may not sell or otherwise dispose of all or substantially all of its assets to, or consolidate with or merge with or into, whether or not such Guarantor is the surviving Person, another Person, other than Ball or another Guarantor, unless:

- (1) immediately after giving effect to that transaction, no Default or Event of Default exists; and
- (2) either:
 - (a) the Person formed by or surviving any such consolidation or merger, if other than the Guarantor, assumes all the obligations of that Guarantor under the indenture, its subsidiary guarantee and the registration rights agreement pursuant to a supplemental indenture in form and substance reasonably satisfactory to the trustee; or
 - (b) the Net Proceeds of such sale or other disposition are applied in accordance with the applicable provisions of the indenture.

105

The subsidiary guarantee of a Guarantor will be released:

- (1) in connection with any sale or other disposition of all or substantially all of the assets of that Guarantor, including by way of merger, consolidation or otherwise, to a Person that is not, either before or after giving effect to such transaction, a Subsidiary of Ball, if the sale or other disposition complies with the "Asset Sale" provisions of the indenture;
- (2) in connection with any sale or other disposition of all of the Capital Stock of a Guarantor, including by way of a dividend of the Capital Stock of such Guarantor to the stockholders of Ball, to a Person that is not, either before or after giving effect to such transaction, a Subsidiary of Ball, if the sale complies with the "Asset Sale" provisions of the indenture; or
- (3) if Ball designates any Restricted Subsidiary that is a Guarantor to be an Unrestricted Subsidiary in accordance with the applicable provisions of the indenture.

See "—Repurchase at the Option of Holders—Asset Sales."

Optional Redemption

At any time prior to December 15, 2005, Ball may, on any one or more occasions, redeem, in whole or in part, up to 35% of the aggregate principal amount of notes, including additional notes, if any, issued under the indenture at a redemption price of 106.875% of the principal amount of the notes redeemed, plus accrued and unpaid interest and Liquidated Damages, if any, thereon to the redemption date, with the net cash proceeds of one or more Equity Offerings; *provided*, that:

- (1) at least 65% of the aggregate principal amount of notes, including additional notes, if any, issued under the indenture remains outstanding immediately after the occurrence of such redemption, excluding notes held by Ball and its Subsidiaries; and
- (2) the redemption occurs within 90 days of the date of the closing of such Equity Offering.

Except pursuant to the preceding paragraph, the notes will not be redeemable at Ball's option prior to December 15, 2007.

On or after December 15, 2007, Ball, at its option, may redeem all or a part of the notes upon not less than 30 nor more than 60 days' notice, at the redemption prices, expressed as percentages of principal amount, set forth below, plus accrued and unpaid interest and Liquidated Damages, if any, on the notes redeemed, to the applicable redemption date, if redeemed during the twelve-month period beginning on December 15 of the years indicated below:

Year	Percentage
2007	103.438%
2008	102.292%
2009	101.146%
2010 and thereafter	100.000%

Mandatory Redemption

Ball is not required to make mandatory redemption or sinking fund payments with respect to the notes.

Repurchase at the Option of Holders

Change of Control

If a Change of Control occurs, and Ball does not redeem the notes as described above under "Optional Redemption" within 60 days after the Change of Control, each holder of notes will have the

106

right to require Ball to repurchase all or any part, equal to \$1,000 or an integral multiple of \$1,000, of that holder's notes pursuant to a Change of Control Offer on the terms set forth in the indenture. In the Change of Control Offer, Ball will offer a Change of Control Payment in cash equal to 101% of the aggregate principal amount of notes repurchased plus accrued and unpaid interest and Liquidated Damages, if any, on the notes repurchased, to the date of purchase. Within 30 days following any Change of Control, Ball will mail a notice to each holder describing the transaction or transactions that constitute the Change of Control and offering to repurchase notes on the Change of Control Payment Date specified in the notice, which date will be no earlier than 30 days and no later than 60 days from the date such notice is mailed, pursuant to the procedures required by the indenture and described in such notice. Ball will comply with the requirements of Rule 14e-1 under the Exchange Act and any other securities laws and regulations thereunder to the extent those laws and regulations are applicable in connection with the repurchase of the notes as a result of a Change of Control. To the extent that the provisions of any securities laws or regulations conflict with the Change of Control provisions of the indenture, Ball will comply with the applicable securities laws and regulations and will not be deemed to have breached its obligations under the Change of Control provisions of the indenture by virtue of such conflict.

On the Change of Control Payment Date, Ball will, to the extent lawful:

- (1) accept for payment all notes or portions of notes properly tendered pursuant to the Change of Control Offer;
- (2) deposit with the paying agent an amount equal to the Change of Control Payment in respect of all notes or portions of notes properly tendered; and
- (3) deliver or cause to be delivered to the trustee the notes properly accepted together with an officers' certificate stating the aggregate principal amount of notes or portions of notes being purchased by Ball.

The paying agent will promptly mail to each holder of notes properly tendered the Change of Control Payment for such notes, and the trustee will promptly authenticate and mail, or cause to be transferred by book entry, to each holder a new note equal in principal amount to any unpurchased portion of the notes surrendered, if any; *provided*, that each new note will be in a principal amount of \$1,000 or an integral multiple of \$1,000.

Ball will publicly announce the results of the Change of Control Offer on or as soon as practicable after the Change of Control Payment Date.

The provisions described above that require Ball to make a Change of Control Offer following a Change of Control will be applicable whether or not any other provisions of the indenture are applicable. Except as described above with respect to a Change of Control, the indenture does not contain provisions that permit the holders of the notes to require that Ball repurchase or redeem the notes in the event of a takeover, recapitalization or similar transaction.

Ball will not be required to make a Change of Control Offer upon a Change of Control if a third party makes the Change of Control Offer in the manner, at the times and otherwise in compliance with the requirements set forth in the indenture applicable to a Change of Control Offer made by Ball and purchases all notes properly tendered and not withdrawn under the Change of Control Offer.

The definition of Change of Control includes a phrase relating to the sale, transfer, conveyance or other disposition of "all or substantially all" of the assets of Ball and its Restricted Subsidiaries taken as a whole. Although there is a limited body of case law interpreting the phrase "substantially all," there is no precise established definition of the phrase under applicable law. Accordingly, the ability of a holder of notes to require Ball to repurchase its notes as a result of a sale, transfer, conveyance or

other disposition of less than all of the assets of Ball and its Restricted Subsidiaries taken as a whole to another Person or group may be uncertain.

Asset Sales

Ball will not, and will not permit any of its Restricted Subsidiaries to, consummate an Asset Sale unless:

- (1) Ball or the Restricted Subsidiary, as the case may be, receives consideration at the time of the Asset Sale at least equal to the fair market value of the assets or Equity Interests issued or sold or otherwise disposed of;
- (2) the fair market value is determined by Ball's Board of Directors and evidenced by a resolution of the Board of Directors set forth in an officers' certificate delivered to the trustee with respect to any Asset Sale determined to have a fair market value greater than \$25 million; and
- (3) at least 75% of the consideration received in the Asset Sale by Ball or such Restricted Subsidiary is in the form of cash or Cash Equivalents. For purposes of this provision, each of the following will be deemed to be cash:
 - (a) any liabilities, as shown on Ball's or such Restricted Subsidiary's most recent consolidated balance sheet, of Ball or any Restricted Subsidiary, other than contingent liabilities and liabilities that are by their terms subordinated to the notes or any subsidiary guarantee, that are assumed by the transferee of any such assets pursuant to a customary novation agreement that releases Ball or such Restricted Subsidiary from further liability;
 - (b) any securities, notes or other obligations received by Ball or any such Restricted Subsidiary from such transferee that are converted by Ball or such Restricted Subsidiary into cash within 180 days after the consummation of such Asset Sale, to the extent of the cash received in that conversion;
 - (c) any Designated Noncash Consideration received by Ball or any of its Restricted Subsidiaries in such Asset Sale; *provided*, that the aggregate fair market value, as determined above, of such Designated Noncash Consideration, taken together with the fair market value at the time of receipt of all other Designated Noncash Consideration received pursuant to this clause (c) less the amount of Net Proceeds previously realized in cash from prior Designated Noncash Consideration is less than 7.5% of Total Assets at the time of the receipt of such Designated Noncash Consideration, with the fair market value of each item of Designated Noncash Consideration being measured at the time received and without giving effect to subsequent changes in value; and
 - (d) Additional Assets received in an exchange-of-assets transaction;

provided, that this clause (3) will not be applicable to any sale or other disposition of all or a portion of the business constituting the aerospace and technologies segment of Ball.

Within 365 days after the receipt of any Net Proceeds from an Asset Sale, Ball may, at its option and to the extent Ball elects, apply those Net Proceeds:

- (1) to repay Indebtedness and other Obligations under any Credit Facility and, if the Indebtedness repaid is revolving credit Indebtedness, to correspondingly permanently reduce commitments with respect thereto;

- (2) to acquire all or substantially all of the assets of, or a majority of the Voting Stock of, another Permitted Business;
- (3) to make a capital expenditure in a Permitted Business;

108

-
- (4) to acquire other long-term assets in a Permitted Business; or
 - (5) to make an Investment in Additional Assets; *provided*, that Ball will be deemed to have complied with this clause (5) if, within 365 days of such Asset Sale, Ball shall have entered into a definitive agreement covering such Investment which is thereafter completed within 365 days after the first anniversary of such Asset Sale.

Pending the final application of any Net Proceeds, Ball may temporarily reduce Indebtedness or otherwise invest the Net Proceeds in any manner that is not prohibited by the indenture.

Any Net Proceeds from Asset Sales that are not applied or invested as provided in the second preceding paragraph will constitute "Excess Proceeds." When the aggregate amount of Excess Proceeds exceeds \$20 million, Ball will make an Asset Sale Offer to all holders of notes and all holders of other Indebtedness that is *pari passu* with the notes containing provisions similar to those set forth in the indenture with respect to offers to purchase or redeem with the proceeds of sales of assets to purchase the maximum principal amount of notes and such other *pari passu* Indebtedness that may be purchased out of the Excess Proceeds. The offer price in any Asset Sale Offer will be equal to 100% of principal amount plus accrued and unpaid interest and Liquidated Damages, if any, to the date of purchase, and will be payable in cash. If any Excess Proceeds remain after consummation of an Asset Sale Offer, Ball may use those Excess Proceeds for any purpose not otherwise prohibited by the indenture. If the aggregate principal amount of notes and other *pari passu* Indebtedness tendered into such Asset Sale Offer exceeds the amount of Excess Proceeds, the trustee will select the notes and such other *pari passu* Indebtedness to be purchased on a pro rata basis. Upon completion of each Asset Sale Offer, the amount of Excess Proceeds will be reset at zero.

Ball will comply with the requirements of Rule 14e-1 under the Exchange Act and any other securities laws and regulations thereunder to the extent those laws and regulations are applicable in connection with each repurchase of notes pursuant to an Asset Sale Offer. To the extent that the provisions of any securities laws or regulations conflict with the Asset Sale provisions of the indenture, Ball will comply with the applicable securities laws and regulations and will not be deemed to have breached its obligations under the Asset Sale provisions of the indenture by virtue of such conflict.

The agreements governing Ball's other Indebtedness, in particular the New Credit Facilities, contain prohibitions of certain events, including events that would constitute a Change of Control or an Asset Sale. In addition, the exercise by the holders of notes of their right to require Ball to repurchase the notes upon a Change of Control or an Asset Sale could cause a default under these other agreements, even if the Change of Control or Asset Sale itself does not, due to the financial effect of such repurchases on Ball. Finally, Ball's ability to pay cash to the holders of notes upon a repurchase may be limited by Ball's then existing financial resources.

Selection and Notice

If less than all of the notes are to be redeemed at any time, the trustee will select notes for redemption as follows:

- (1) if the notes are listed on any national securities exchange, in compliance with the requirements of the principal national securities exchange on which the notes are listed; or
- (2) if the notes are not listed on any national securities exchange, on a pro rata basis, by lot or by such method as the trustee deems fair and appropriate.

No notes of \$1,000 or less can be redeemed in part. Notices of redemption will be mailed by first class mail at least 30 but not more than 60 days before the redemption date to each holder of notes to be redeemed at its registered address, except that redemption notices may be mailed more than 60 days

109

prior to a redemption date if the notice is issued in connection with a defeasance of the notes or a satisfaction and discharge of the indenture. Notices of redemption may not be conditional.

If any note is to be redeemed in part only, the notice of redemption that relates to that note will state the portion of the principal amount of that note that is to be redeemed. A new note in principal amount equal to the unredeemed portion of the original note will be issued in the name of the holder of notes upon cancellation of the original note. Notes called for redemption become due on the date fixed for redemption. On and after the redemption date, interest ceases to accrue on notes or portions of them called for redemption.

Certain Covenants

Changes in Covenants when Notes Rated Investment Grade

If on any date following the date of the indenture:

- (1) the notes are rated Baa3 or better by Moody's and BBB- or better by S&P, or the equivalents thereof; and
- (2) no Default or Event of Default shall have occurred and be continuing,

then, beginning on that day and continuing at all times thereafter regardless of any subsequent changes in the rating of the notes, the covenants specifically listed under the following captions in this description of new notes will no longer be applicable to the notes:

- (1) "—Repurchase at the Option of Holders—Asset Sales;"
- (2) "—Restricted Payments;"
- (3) "—Incurrence of Indebtedness and Issuance of Disqualified and Preferred Stock;"
- (4) "—Dividend and Other Payment Restrictions Affecting Subsidiaries;"

- (5) "—Designation of Restricted and Unrestricted Subsidiaries;"
- (6) "—Transactions with Affiliates;" and
- (7) clause (4) of the covenant listed under "—Merger, Consolidation or Sale of Assets."

There can be no assurance that the notes will ever achieve an investment grade rating or that any such rating will be maintained.

Restricted Payments

Ball will not, and will not permit any of its Restricted Subsidiaries to, directly or indirectly:

- (1) declare or pay any dividend or make any other payment or distribution on account of Ball's Equity Interests, including, without limitation, any payment in connection with any merger or consolidation involving Ball, or to the direct or indirect holders of Ball's Equity Interests in their capacity as such, other than dividends or distributions payable in Equity Interests, other than Disqualified Stock, of Ball;
- (2) purchase, redeem or otherwise acquire or retire for value, including, without limitation, in connection with any merger or consolidation involving Ball, any Equity Interests of Ball;
- (3) make any payment on or with respect to, or purchase, redeem, defease or otherwise acquire or retire for value any Indebtedness that is subordinated to the notes or the subsidiary guarantees, except a payment of interest or principal at the Stated Maturity thereof; or
- (4) make any Restricted Investment

110

all such payments and other actions set forth in clauses (1) through (4) above being collectively referred to as "Restricted Payments," unless, at the time of and after giving effect to such Restricted Payment:

- (1) no Default or Event of Default has occurred and is continuing or would occur as a consequence of such Restricted Payment; and
- (2) Ball would, at the time of such Restricted Payment and after giving pro forma effect thereto as if such Restricted Payment had been made at the beginning of the applicable four-quarter period, have been permitted to incur at least \$1.00 of additional Indebtedness pursuant to the Fixed Charge Coverage Ratio test set forth in the first paragraph of the covenant described below under the caption "—Incurrence of Indebtedness and Issuance of Disqualified and Preferred Stock;" and
- (3) such Restricted Payment, together with the aggregate amount of all other Restricted Payments made by Ball or any of its Restricted Subsidiaries after August 10, 1998, excluding Restricted Payments permitted by clauses (2), (3), (4) and (6) of the next paragraph, is less than the sum, without duplication, of:
 - (a) 50% of the Consolidated Net Income of Ball for the period, taken as one accounting period, from the beginning of the first fiscal quarter commencing August 10, 1998 to the end of Ball's most recently ended fiscal quarter for which internal financial statements are available at the time of such Restricted Payment, or, if such Consolidated Net Income for such period is a deficit, less 100% of such deficit, *plus*
 - (b) 100% of the aggregate net cash proceeds or the fair market value of property other than cash received by Ball since August 10, 1998 as a contribution to its common equity capital or from the issue or sale of Equity Interests of Ball, other than Disqualified Stock, or from the issue or sale of Disqualified Stock or debt securities of Ball that have been converted into or exchanged for such Equity Interests, other than Equity Interests, Disqualified Stock or debt securities sold to a Restricted Subsidiary of Ball, *plus*
 - (c) to the extent not already included in Consolidated Net Income of Ball for such period and without duplication, any Restricted Investment that was made by Ball or any of its Restricted Subsidiaries after August 10, 1998 is sold for cash or otherwise liquidated or repaid for cash, or any Unrestricted Subsidiary which is designated as an Unrestricted Subsidiary subsequent to August 10, 1998 is sold for cash or otherwise liquidated or repaid for cash, 100% of the cash return of capital with respect to such Restricted Investment or Unrestricted Subsidiary, less the cost of disposition, if any, and 50% of the excess of the fair market value of Ball's Investment in such Unrestricted Subsidiary as of the date of such redesignation over the amount of the Restricted Investment that reduced this clause (c); *provided*, that any amounts that increase this clause (c) shall not duplicatively increase amounts available as Permitted Investments.

As of September 29, 2002, approximately \$129.2 million would have been available for Restricted Payments pursuant to clause (3) of the preceding paragraph.

The preceding provisions will not prohibit:

- (1) the payment of any dividend within 60 days after the date of declaration of the dividend, if at the date of declaration the dividend payment would have complied with the provisions of the indenture;
- (2) the making of any Restricted Investment or the redemption, repurchase, retirement, defeasance or other acquisition of any subordinated Indebtedness of Ball or any Restricted Subsidiary of Ball or of any Equity Interests of Ball in exchange for, or out of the net cash proceeds

111

of the substantially concurrent sale, other than to a Restricted Subsidiary of Ball, of Equity Interests of Ball, other than Disqualified Stock; *provided*, that the amount of any such net cash proceeds that are utilized for any such redemption, repurchase, retirement, defeasance or other acquisition will be excluded from clause (3)(b) of the preceding paragraph;

- (3) the payment, purchase, defeasance, retirement, redemption, repurchase or other acquisition (a) of subordinated Indebtedness of Ball or any Restricted Subsidiary of Ball with the net cash proceeds from an incurrence of Permitted Refinancing Indebtedness or (b) of any Disqualified Stock of Ball in exchange for, or out of the net cash proceeds of the substantially concurrent sale of, Disqualified Stock of Ball that is not prohibited by the terms of the indenture to be issued;
- (4)

the payment of dividends on Ball's common stock up to a combined amount of \$30 million per annum; *provided*, that up to \$10 million of such amount that is not utilized by Ball to pay dividends in any calendar year may be carried forward to any subsequent year;

- (5) (a) the repurchase, redemption or other acquisition or retirement for value of any Equity Interests of Ball that are held by any member of Ball's, or any of its Restricted Subsidiaries', management pursuant to any management equity subscription agreement or stock option agreement or (b) the repurchase of Equity Interests of Ball or any Restricted Subsidiary of Ball held by employee benefits plans, whether directly or for employees, directors or former directors, pursuant to the terms of agreements, other than management equity subscription agreements or stock option agreements, approved by Ball's Board of Directors; *provided* that, in the case of foregoing clause (a), the aggregate price paid for all such repurchased, redeemed, acquired or retired Equity Interests shall not exceed \$25 million in the aggregate since the date of the indenture and, in the case of foregoing clause (b), the aggregate purchase price paid for all such repurchased Equity Interests shall not exceed \$15 million in any twelve-month period;
- (6) repurchases of Equity Interests deemed to occur upon exercise of stock options if such Equity Interests represent a portion of the exercise price of such options;
- (7) the repurchase, redemption or other acquisition or retirement for value of the Existing Subordinated Notes pursuant to Section 3.07, 4.10 or Section 4.15 of the Existing Subordinated Notes Indenture;
- (8) the distribution, as a dividend or otherwise, of shares of Capital Stock of, or Indebtedness owed to Ball or a Restricted Subsidiary of Ball by, Unrestricted Subsidiaries;
- (9) other Restricted Payments in an aggregate amount since the date of the indenture not to exceed \$100 million under this clause (9);

provided, that, with respect to clauses (4), (7), and (9) above, no Default or Event of Default shall have occurred and be continuing immediately after such transaction or as a consequence thereof.

The amount of all Restricted Payments, other than cash, will be the fair market value on the date of the Restricted Payment of the assets or securities proposed to be transferred or issued by Ball or such Restricted Subsidiary, as the case may be, pursuant to the Restricted Payment. The fair market value of any assets or securities that are required to be valued by this covenant will be determined by the Board of Directors of Ball whose resolution with respect thereto will be delivered to the trustee.

If any Restricted Investment is sold or otherwise liquidated or repaid or any dividend or payment is received by Ball or a Restricted Subsidiary of Ball and such amounts may be credited to clause (c) above, then such amounts will be credited only to the extent of amounts not otherwise included in Consolidated Net Income and that do not otherwise increase the amount available as a Permitted Investment.

Incurrence of Indebtedness and Issuance of Disqualified and Preferred Stock

Ball will not, and will not permit any of its Restricted Subsidiaries to, directly or indirectly, create, incur, issue, assume, guarantee or otherwise become directly or indirectly liable, contingently or otherwise, with respect to, collectively, "incur", any Indebtedness, including Acquired Debt, and Ball will not issue any Disqualified Stock and will not permit any of its Restricted Subsidiaries to issue any shares of preferred stock; *provided, however*, that Ball may incur Indebtedness, including Acquired Debt, or issue Disqualified Stock, and any of Ball's Restricted Subsidiaries may incur Indebtedness, if the Fixed Charge Coverage Ratio for Ball's most recently ended four full fiscal quarters for which internal financial statements are available immediately preceding the date on which such additional Indebtedness is incurred or such Disqualified Stock is issued would have been at least 2.0 to 1, determined on a pro forma basis, including a pro forma application of the net proceeds therefrom, as if the additional Indebtedness had been incurred or the Disqualified Stock had been issued, as the case may be, at the beginning of such four-quarter period.

The first paragraph of this covenant will not prohibit the incurrence of any of the following items of Indebtedness or the issuance of preferred stock, as applicable, collectively, "Permitted Debt":

- (1) the incurrence by Ball or any of its Restricted Subsidiaries of additional Indebtedness under Credit Facilities in an aggregate principal amount at any one time outstanding under this clause (1), with letters of credit being deemed to have a principal amount equal to the maximum potential liability of Ball and its Restricted Subsidiaries thereunder, not to exceed \$1,350 million *less* the aggregate amount of all Net Proceeds of Asset Sales applied by Ball or any of its Restricted Subsidiaries since the date of the indenture to repay any term Indebtedness under any credit facility or to repay any revolving credit Indebtedness under any credit facility and effect a corresponding commitment reduction thereunder pursuant to the covenant described above under the caption "—Repurchase at the Option of Holders—Asset Sales";
- (2) the incurrence by Ball and its Restricted Subsidiaries of the Existing Indebtedness;
- (3) the incurrence by Ball and the Guarantors of Indebtedness represented by the notes and the subsidiary guarantees to be issued on the date of the indenture and the exchange notes and the subsidiary guarantees to be issued pursuant to the registration rights agreement;
- (4) the incurrence by Ball or any of its Restricted Subsidiaries of Indebtedness represented by Capital Lease Obligations, mortgage financings or purchase money obligations, in each case, incurred for the purpose of financing all or any part of the purchase price or cost of construction or improvement of property, plant or equipment used in the business of Ball or such Restricted Subsidiary, in an aggregate principal amount, including all Permitted Refinancing Indebtedness incurred to refund, refinance or replace any Indebtedness incurred pursuant to this clause (4), not to exceed 7.5% of Total Assets at any time outstanding;
- (5) the incurrence by Ball or any of its Restricted Subsidiaries of Permitted Refinancing Indebtedness;
- (6) the incurrence by Ball or any of its Restricted Subsidiaries of intercompany Indebtedness between or among Ball and any of its Restricted Subsidiaries; *provided, however*, that:
 - (a) if Ball or any Guarantor is the obligor on such Indebtedness, such Indebtedness must be expressly subordinated to the prior payment in full in cash of all Obligations with respect to the notes, in the case of Ball, or any such Guarantor's subsidiary guarantee, in the case of a Guarantor; and
 - (b) (i) any subsequent issuance or transfer of Equity Interests that results in any such Indebtedness being held by a Person other than Ball or a Restricted Subsidiary of Ball and (ii) any sale or other transfer of any such Indebtedness to a Person that is not either Ball

or a Restricted Subsidiary of Ball will be deemed, in each case, to constitute an incurrence of such Indebtedness by Ball or such Restricted Subsidiary, as the case may be, that was not permitted by this clause (6);

- (7) the incurrence by Ball or any of its Restricted Subsidiaries of Hedging Obligations that are incurred in the normal course of business and not for speculative purposes;
- (8) the incurrence by Ball or any of its Restricted Subsidiaries of Indebtedness in the ordinary course of business solely in respect of performance, bid, surety, appeal and similar bonds, completion or performance guarantees or standby letters of credit issued for the purpose of supporting workers' compensation liabilities of Ball or any of its Restricted Subsidiaries, to the extent that such incurrence does not result in the incurrence of any obligation for the payment of borrowed money to others;
- (9) the incurrence of Indebtedness arising from agreements of Ball or a Restricted Subsidiary of Ball providing for indemnification, adjustment of purchase price or similar obligations, in each case, incurred or assumed in connection with the disposition of any business, assets or a Subsidiary;
- (10) the incurrence by a Restricted Subsidiary of Ball of Indebtedness in connection with, and in contemplation of, the concurrent disposition of such Restricted Subsidiary to the stockholders of Ball; *provided*, that such disposition occurs concurrently with such incurrence and, following such disposition, neither Ball nor any of its Restricted Subsidiaries has any liability with respect to such Indebtedness;
- (11) the incurrence by a Securitization Entity of Indebtedness in a Qualified Securitization Transaction that is Non-Recourse Debt with respect to Ball and its Restricted Subsidiaries (other than Securitization Entities), except for Standard Securitization Undertakings and Limited Originator Recourse;
- (12) the guarantee by Ball or any Restricted Subsidiary of Indebtedness of Ball or a Restricted Subsidiary of Ball that was permitted to be incurred by another provision of this covenant;
- (13) Indebtedness of Ball or a Restricted Subsidiary owed to, including obligations in respect of letters of credit for the benefit of, any Person in connection with workers' compensation, health, disability or other employee benefits or property, casualty or liability insurance provided by such Person to Ball or a Restricted Subsidiary of Ball, pursuant to reimbursement or indemnification obligations to such Person, in each case incurred in the ordinary course of business;
- (14) Indebtedness arising from the honoring by a bank or other financial institution of a check, draft or similar instrument drawn against insufficient funds in the ordinary course of business, provided that such Indebtedness is extinguished within two business days of its incurrence;
- (15) the issuance of shares of preferred stock by a Restricted Subsidiary to Ball or another Restricted Subsidiary; provided that any subsequent issuance or transfer of any Capital Stock or any other event which results in any such Restricted Subsidiary ceasing to be a Restricted Subsidiary or any other subsequent transfer of any such shares of preferred stock (except to Ball or another Restricted Subsidiary) shall be deemed in each case to be an issuance of such shares of preferred stock that was not permitted by this clause (15); and
- (16) the incurrence by Ball or any of its Restricted Subsidiaries of additional Indebtedness in an aggregate principal amount, or accreted value, as applicable, at any time outstanding, including all Permitted Refinancing Indebtedness incurred to refund, refinance or replace any Indebtedness incurred pursuant to this clause (16), not to exceed \$150 million.

Ball will not incur any Indebtedness (including Permitted Debt) that is contractually subordinated in right of payment to any other Indebtedness of Ball unless such Indebtedness is also contractually subordinated in right of payment to the notes on substantially identical terms; *provided, however*, that no Indebtedness of Ball will be deemed to be contractually subordinated in right of payment to any other Indebtedness of Ball solely by virtue of being unsecured.

For purposes of determining compliance with this covenant, in the event that an item of proposed Indebtedness meets the criteria of more than one of the categories of Permitted Debt described in clauses (1) through (16) above, or is entitled to be incurred pursuant to the first paragraph of this covenant, Ball, in its sole discretion, will be permitted to classify such item of Indebtedness on the date of its incurrence, or later reclassify such item of Indebtedness, in any manner that complies with this covenant.

The accrual of interest, the accretion or amortization of original issue discount, the payment of interest on any Indebtedness in the form of additional Indebtedness with the same terms, and the payment of dividends on Disqualified Stock in the form of additional shares of the same class of Disqualified Stock will not be deemed to be an incurrence of Indebtedness or an issuance of Disqualified Stock for purposes of this covenant. Indebtedness includes the Guarantee by the specified Person of (i) any Indebtedness of any other Person or (ii) any liability of any other Person, whether or not contingent and whether or not it appears on the balance sheet of such Person, but only to the extent not otherwise included in determining compliance with this covenant.

Liens

Ball will not, and will not permit any of its Restricted Subsidiaries to create, incur, assume or suffer to exist any Lien of any kind securing Indebtedness, Attributable Debt or trade payables, other than Permitted Liens, upon any of their property or assets, now owned or hereafter acquired, unless all payments due under the indenture and the notes are secured on an equal and ratable basis with the obligations so secured until such time as such obligations are no longer secured by a Lien.

Dividend and Other Payment Restrictions Affecting Restricted Subsidiaries

Ball will not, and will not permit any of its Restricted Subsidiaries to, directly or indirectly, create or permit to exist or become effective any consensual encumbrance or restriction on the ability of any Restricted Subsidiary to:

- (1) pay dividends or make any other distributions on its Capital Stock to Ball or any of its Restricted Subsidiaries, or with respect to any other interest or participation in, or measured by, its profits, or pay any indebtedness owed to Ball or any of its Restricted Subsidiaries;
- (2) make loans or advances to Ball or any of its Restricted Subsidiaries; or
- (3) transfer any of its properties or assets to Ball or any of its Restricted Subsidiaries.

However, the preceding restrictions will not apply to encumbrances or restrictions existing under or by reason of:

- (1) agreements governing Existing Indebtedness as in effect on the date of the indenture;
- (2) other encumbrances and restrictions in effect on the date of the indenture;
- (3) any Credit Facilities, including the New Credit Facilities, as in effect on the date of the indenture, and any extensions, amendments, modifications, restatements, renewals, increases, supplements, refundings, replacements or refinancings thereof and other Credit Facilities not prohibited under the indenture, *provided*, that the extensions, amendments, modifications, restatements, renewals, increases, supplements, refundings, replacement or refinancings and

115

other Credit Facilities are not materially more restrictive, taken as a whole, with respect to such dividend and other payment restrictions than those contained in the New Credit Facilities on the date of the indenture;

- (4) the several indentures governing the notes and the Existing Notes, the notes, the Existing Notes and the related subsidiary guarantees;
- (5) applicable law or any rule, regulation or order;
- (6) existing with respect to any Person or the property or assets of such person acquired by Ball or any of its Restricted Subsidiaries as in effect at the time of such acquisition, and not incurred in connection with or in contemplation of such acquisition, which encumbrance or restriction is not applicable to any Person, or the properties or assets of any Person, other than the Person, or the property or assets of the Person, so acquired, *provided*, that in the case of Indebtedness, such Indebtedness was permitted by the terms of the indenture to be incurred;
- (7) customary non-assignment provisions in leases or other contracts entered into in the ordinary course of business;
- (8) purchase money obligations for property acquired in the ordinary course of business that impose restrictions on that property of the nature described in clause (3) of the preceding paragraph;
- (9) Indebtedness of Restricted Subsidiaries; *provided*, that such Indebtedness was not prohibited under the indenture;
- (10) Permitted Refinancing Indebtedness; *provided*, that the restrictions contained in the agreements governing such Permitted Refinancing Indebtedness are not materially more restrictive, taken as a whole, than those contained in the agreements governing the Indebtedness being refinanced;
- (11) Liens securing Indebtedness otherwise permitted to be incurred under the provisions of the covenant described above under the caption "—Liens" that limit the right of the debtor to dispose of the assets subject to such Liens;
- (12) provisions with respect to the disposition or distribution of assets or property in joint venture agreements, assets sale agreements, stock sale agreements and other similar agreements entered into in the ordinary course of business;
- (13) any Purchase Money Note, or other Indebtedness or other contractual requirements of a Securitization Entity in connection with a Qualified Securitization Transaction; *provided*, that such restrictions may only apply to such Securitization Entity;
- (14) any restriction with respect to a Restricted Subsidiary imposed pursuant to an agreement entered into for the sale or disposition of all or substantially all the Capital Stock or assets of such Restricted Subsidiary pending the closing of such sale or disposition;
- (15) restrictions on cash or other deposits or net worth imposed by customers under contracts entered into in the ordinary course of business; and
- (16) any encumbrance or restriction of the type referred to in clauses (1) through (3) of the first paragraph of this covenant above imposed by any extension, amendment, modification, restatement, renewal, increase, supplement, refunding, replacement or refinancing of an agreement, contract, instrument or obligation referred to in clauses (1) through (15) above that is not materially more restrictive, taken as a whole, than the encumbrance or restriction imposed by the applicable predecessor agreement, contract, instrument or obligation.

116

Merger, Consolidation or Sale of Assets

Ball may not, directly or indirectly: (1) consolidate or merge with or into another Person, whether or not Ball is the surviving corporation; or (2) sell, assign, transfer, convey or otherwise dispose of all or substantially all of the properties or assets of Ball and its Restricted Subsidiaries taken as a whole, in one or more related transactions, to another Person; unless:

- (1) either: (a) Ball is the surviving corporation; or (b) the Person formed by or surviving any such consolidation or merger, if other than Ball, or to which such sale, assignment, transfer, conveyance or other disposition has been made is a corporation organized or existing under the laws of the United States, any state of the United States or the District of Columbia;
- (2) the Person formed by or surviving any such consolidation or merger, if other than Ball, or the Person to which such sale, assignment, transfer, conveyance or other disposition has been made assumes all the obligations of Ball under the notes, the indenture and the registration rights agreement pursuant to agreements reasonably satisfactory to the trustee;
- (3) immediately after such transaction, no Default or Event of Default exists; and
- (4) either:
 - (a) except in the case of a merger of the Company with or into a Subsidiary, Ball or the Person formed by or surviving any such consolidation or merger, if other than Ball, or to which such sale, assignment, transfer, conveyance or other disposition has been made will, on the date of such transaction after giving pro forma effect thereto and any related financing transactions as if the same had occurred at the beginning of the applicable four-quarter period, be permitted to

incur at least \$1.00 of additional Indebtedness pursuant to the Fixed Charge Coverage Ratio test set forth in the first paragraph of the covenant described above under the caption "—Incurrence of Indebtedness and Issuance of Disqualified and Preferred Stock"; or

- (b) the Fixed Charge Coverage Ratio for Ball or the entity or Person formed by or surviving any such consolidation or merger, if other than Ball, or to which such sale, assignment, transfer, conveyance or other disposition shall have been made would, immediately after giving pro forma effect thereto and any related financing transactions as if same had occurred at the beginning of the applicable four-quarter period, not be less than such Fixed Charge Coverage Ratio for Ball and its Restricted Subsidiaries immediately prior to such transaction,

provided, however, that clause (4) above does not apply if, in the good faith determination of the Board of Directors of Ball, whose determination shall be evidenced by a board resolution, the purpose of such transaction is to change the state of incorporation of Ball.

In addition, Ball may not, directly or indirectly, lease all or substantially all of the properties or assets of Ball and its Restricted Subsidiaries, taken as a whole, in one or more related transactions, to any other Person. This "Merger, Consolidation or Sale of Assets" covenant will not apply to a sale, assignment, transfer, conveyance or other disposition of assets between or among Ball and its Restricted Subsidiaries.

Designation of Restricted and Unrestricted Subsidiaries

The Board of Directors may designate any Restricted Subsidiary to be an Unrestricted Subsidiary if that designation would not cause a Default. If a Restricted Subsidiary is designated as an Unrestricted Subsidiary, the aggregate fair market value of all outstanding Investments owned by Ball and its Restricted Subsidiaries in the Subsidiary properly designated will be deemed to be an Investment made as of the time of the designation and will reduce the amount available for Restricted

117

Payments under the first paragraph of the covenant described above under the caption "—Restricted Payments" or Permitted Investments, as determined by Ball. That designation will only be permitted if the Investment would be permitted at that time and if the Restricted Subsidiary otherwise meets the definition of an Unrestricted Subsidiary. The Board of Directors may at any time redesignate any Unrestricted Subsidiary to be a Restricted Subsidiary if the redesignation would not cause a Default. See "Certain Definitions—Unrestricted Subsidiary."

Transactions with Affiliates

Ball will not, and will not permit any of its Restricted Subsidiaries to, make any payment to, or sell, lease, transfer or otherwise dispose of any of its properties or assets to, or purchase any property or assets from, or enter into or make or amend any transaction, contract, agreement, understanding, loan, advance or guarantee with, or for the benefit of, any Affiliate, each, an "Affiliate Transaction", unless:

- (1) such Affiliate Transaction is on terms that are no less favorable to Ball or the relevant Restricted Subsidiary than those that would have been obtained in a comparable transaction by Ball or such Restricted Subsidiary with an unrelated Person; and
- (2) Ball delivers to the trustee:
 - (a) with respect to any Affiliate Transaction or series of related Affiliate Transactions involving aggregate consideration in excess of \$10 million, a resolution of the Board of Directors of Ball set forth in an officers' certificate certifying that such Affiliate Transaction complies with clause (1) above and that such Affiliate Transaction has been approved by a majority of the disinterested members of the Board of Directors of Ball; and
 - (b) with respect to any Affiliate Transaction or series of related Affiliate Transactions involving aggregate consideration in excess of \$50 million, an opinion as to the fairness to Ball of such Affiliate Transaction from a financial point of view issued by an accounting, appraisal or investment banking firm of national standing.

The following items will not be deemed to be Affiliate Transactions and, therefore, will not be subject to the provisions of the prior paragraph:

- (1) any employment, service or termination agreement entered into by Ball or any of its Restricted Subsidiaries in the ordinary course of business;
- (2) transactions between or among Ball and/or its Restricted Subsidiaries;
- (3) transactions between or among Ball and/or its Restricted Subsidiaries with Ball Asia Pacific and Permitted Joint Ventures on terms that are no less favorable to Ball and/or such Subsidiary than those that would have been obtained in a comparable transaction by Ball and/or such Subsidiary with an unrelated Person;
- (4) any sale or other issuance of Equity Interests, other than Disqualified Stock, to Affiliates of Ball;
- (5) Restricted Payments that are permitted by and Investments that are not prohibited by the provisions of the indenture described above under the caption "—Restricted Payments";
- (6) fees and compensation paid to members of the Board of Directors of Ball and its Restricted Subsidiaries in their capacity as such;
- (7) advances to employees for moving, entertainment and travel expenses, drawing accounts and similar expenditures in the ordinary course of business;

118

-
- (8) fees and compensation paid to, and indemnity provided on behalf of, officers, directors or employees of Ball or any of its Restricted Subsidiaries, as determined by the Board of Directors of Ball or of any such Restricted Subsidiary, to the extent such fees and compensation are reasonable and customary;
 - (9) transactions effected as part of a Qualified Securitization Transaction;
 - (10)

the grant of stock options or similar rights to officers, employees, consultants and directors of Ball and, to the extent otherwise permitted under the indenture, to any Restricted Subsidiary, pursuant to plans approved by the Board of Directors of Ball and the issuance of securities pursuant thereto; and

- (11) transactions pursuant to any arrangement, contract or agreement in existence on the date of the indenture, as such arrangement may be amended or restated, renewed, extended, refinanced, refunded or replaced from time to time, provided that any such amendment or restatement, renewal, extension, refinancing, refund or replacement is on terms and conditions not materially less favorable to Ball or its Restricted Subsidiaries taken as a whole than the arrangement, contract or agreement in existence on the date of the indenture.

Sale and Leaseback Transactions

Ball will not, and will not permit any of its Restricted Subsidiaries to, enter into any sale and leaseback transaction; *provided*, that Ball or a Restricted Subsidiary may enter into a sale and leaseback transaction if:

- (1) Ball or such Restricted Subsidiary, as applicable, could have incurred Indebtedness in an amount equal to the Attributable Debt relating to such sale and leaseback transaction pursuant to the covenant described above under the caption "—Incurrence of Indebtedness and Issuance of Disqualified and Preferred Stock";
- (2) the gross cash proceeds of such sale and leaseback transaction are at least equal to the fair market value, as determined in good faith by the Board of Directors and set forth in an officers' certificate delivered to the trustee, of the property that is the subject of that sale and leaseback transaction; and
- (3) the transfer of assets in that sale and leaseback transaction is permitted by, and Ball applies the proceeds of such transaction in compliance with, the covenant described above under the caption "—Repurchase at the Option of Holders—Asset Sales."

Additional Subsidiary Guarantees

If Ball or any of its Restricted Subsidiaries acquires or creates another Domestic Subsidiary after the date of the indenture, then that newly acquired or created Domestic Subsidiary will become a Guarantor and execute a supplemental indenture to the trustee within 20 business days of the date on which it was acquired or created; *provided*, that this covenant does not apply to any Subsidiary that has properly been designated as an Unrestricted Subsidiary in accordance with the indenture for so long as it continues to constitute an Unrestricted Subsidiary or to any Excluded Subsidiary for so long as it continues to constitute an Excluded Subsidiary.

No Amendment to Subordination Provisions

Ball will not amend, modify or alter the Existing Subordinated Note Indenture in any way to amend the provisions of Article 10 of the Existing Subordinated Note Indenture (which relate to subordination).

Payments for Consent

Ball will not, and will not permit any of its Restricted Subsidiaries to, directly or indirectly, pay or cause to be paid any consideration to or for the benefit of any holder of notes for or as an inducement to any consent, waiver or amendment of any of the terms or provisions of the indenture or the notes unless such consideration is offered to be paid and is paid to all holders of the notes that consent, waive or agree to amend in the time frame set forth in the solicitation documents relating to such consent, waiver or agreement.

Reports

Whether or not required by the SEC, so long as any notes are outstanding, Ball will furnish to the holders of notes, within the time periods specified in the SEC's rules and regulations:

- (1) all quarterly and annual financial information that would be required to be contained in a filing with the SEC on Forms 10-Q and 10-K if Ball were required to file such Forms, including a "Management's Discussion and Analysis of Financial Condition and Results of Operations" and, with respect to the annual information only, a report on the annual financial statements by Ball's certified independent accountants; and
- (2) all current reports that would be required to be filed with the SEC on Form 8-K if Ball were required to file such reports.

In addition, whether or not required by the SEC, Ball will file a copy of all of the information and reports referred to in clauses (1) and (2) above with the SEC for public availability within the time periods specified in the SEC's rules and regulations, unless the SEC will not accept such a filing, and make such information available to securities analysts and prospective investors upon request. In addition, for so long as any notes remain outstanding, Ball and the Guarantors will furnish to the holders and to securities analysts and prospective investors, upon their request, the information required to be delivered pursuant to Rule 144A(d)(4) under the Securities Act.

Events of Default and Remedies

Each of the following is an Event of Default:

- (1) default for 30 days in the payment when due of interest on, or Liquidated Damages with respect to, the notes;
- (2) default in payment when due of the principal of, or premium, if any, on the notes;
- (3) failure by Ball or any of its Restricted Subsidiaries to comply with the provisions described under the caption "—Certain Covenants—Merger, Consolidation or Sale of Assets";
- (4) failure by Ball or any of its Restricted Subsidiaries for 30 days after notice to comply with the provisions described under the captions "—Repurchase at the Option of Holders—Change of Control," "—Repurchase at the Option of Holders—Asset Sales," "—Certain Covenants—Restricted Payments" or "—Certain Covenants—Incurrence of Indebtedness and Issuance of Disqualified and Preferred Stock";
- (5) failure by Ball or any of its Restricted Subsidiaries for 60 days after notice to comply with any of the other agreements in the indenture or the notes;
- (6)

default under any mortgage, indenture or instrument under which there may be issued or by which there may be secured or evidenced any Indebtedness for money borrowed by Ball or any of its Restricted Subsidiaries (other than a Securitization Entity) (or the payment of which is guaranteed by Ball or any of its Restricted Subsidiaries (other than a Securitization

Entity) whether such Indebtedness or guarantee now exists, or is created after the date of the indenture, if that default:

- (a) is caused by a failure to pay principal of, or interest or premium, if any, on such Indebtedness on or before the expiration of the grace period provided in such Indebtedness on the date of such default (a "Payment Default"); or
- (b) results in the acceleration of such Indebtedness prior to its express maturity,

and, in each case, the principal amount of any such Indebtedness, together with the principal amount of any other such Indebtedness under which there has been a Payment Default or the maturity of which has been so accelerated, aggregates \$50 million or more or its foreign currency equivalent;

- (7) failure by Ball or any of its Restricted Subsidiaries to pay final judgments aggregating in excess of \$50 million or its foreign currency equivalent, excluding amounts covered by insurance, which judgments are not paid, discharged or stayed for a period of 60 days;
- (8) except as permitted by the indenture, any subsidiary guarantee shall be held in any judicial proceeding to be unenforceable or invalid or shall cease for any reason to be in full force and effect or any Guarantor, or any Person acting on behalf of any Guarantor, shall deny or disaffirm its obligations under its subsidiary guarantee; and
- (9) certain events of bankruptcy or insolvency described in the indenture with respect to Ball or any of its Significant Subsidiaries.

In the case of an Event of Default arising from certain events of bankruptcy or insolvency, with respect to Ball or any Significant Subsidiary, all outstanding notes will become due and payable immediately without further action or notice. Under certain circumstances, holders of a majority in principal amount of the outstanding notes may rescind any such acceleration with respect to the notes and its consequences. If any other Event of Default occurs and is continuing, the trustee or the holders of at least 25% in principal amount of the then outstanding notes may declare all the notes to be due and payable immediately.

Holders of the notes may not enforce the indenture or the notes except as provided in the indenture. Subject to certain limitations, holders of a majority in principal amount of the then outstanding notes may direct the trustee in its exercise of any trust or power. The trustee may withhold from holders of the notes notice of any continuing Default or Event of Default if it determines that withholding notice is in their interest, except a Default or Event of Default relating to the payment of principal or interest or Liquidated Damages.

The holders of a majority in aggregate principal amount of the notes then outstanding by notice to the trustee may on behalf of the holders of all of the notes waive any existing Default or Event of Default and its consequences under the indenture except a continuing Default or Event of Default in the payment of interest or Liquidated Damages on, or the principal of, the notes.

In the case of any Event of Default occurring by reason of any willful action or inaction taken or not taken by or on behalf of Ball with the intention of avoiding payment of the premium that Ball would have had to pay if Ball then had elected to redeem the notes pursuant to the optional redemption provisions of the indenture, an equivalent premium will also become and be immediately due and payable to the extent permitted by law upon the acceleration of the notes. If an Event of Default occurs prior to December 15, 2007, by reason of any willful action or inaction taken or not taken by or on behalf of Ball with the intention of avoiding the prohibition on redemption of the notes prior to December 15, 2007, then the premium specified in the indenture will also become immediately due and payable to the extent permitted by law upon the acceleration of the notes.

Ball is required to deliver to the trustee annually a statement regarding compliance with the indenture. Upon becoming aware of any Default or Event of Default, Ball is required to deliver to the trustee a statement specifying such Default or Event of Default.

No Personal Liability of Directors, Officers, Employees and Stockholders

No director, officer, employee, incorporator or stockholder of Ball or any Guarantor, as such, will have any liability for any obligations of Ball or the Guarantors under the notes, the indenture, the subsidiary guarantees, or for any claim based on, in respect of, or by reason of, such obligations or their creation. Each holder of notes by accepting a note waives and releases all such liability. The waiver and release are part of the consideration for issuance of the notes. The waiver may not be effective to waive liabilities under the federal securities laws.

Legal Defeasance and Covenant Defeasance

Ball may, at its option and at any time, elect to have all of its obligations discharged with respect to the outstanding notes and all obligations of the Guarantors discharged with respect to their subsidiary guarantees, "Legal Defeasance", except for:

- (1) the rights of holders of outstanding notes to receive payments in respect of the principal of, or interest or premium and Liquidated Damages, if any, on such notes when such payments are due from the trust referred to below;
- (2) Ball's obligations with respect to the notes concerning issuing temporary notes, registration of notes, mutilated, destroyed, lost or stolen notes and the maintenance of an office or agency for payment and money for security payments held in trust;
- (3) the rights, powers, trusts, duties and immunities of the trustee, and Ball's and the Guarantors' obligations in connection therewith; and
- (4) the Legal Defeasance provisions of the indenture.

In addition, Ball may, at its option and at any time, elect to have the obligations of Ball and its Restricted Subsidiaries released with respect to certain covenants that are described in the indenture, "Covenant Defeasance", and thereafter any omission to comply with those covenants will not constitute a Default or Event of Default with respect to the notes. In the event Covenant Defeasance occurs, certain events, not including non-payment, bankruptcy, receivership, rehabilitation and insolvency events, described under "—

Events of Default and Remedies" will no longer constitute an Event of Default with respect to the notes. If Ball exercises its Legal Defeasance option, each Guarantor will be released from all of its obligations with respect to its Guarantee. Ball may exercise its Legal Defeasance option notwithstanding its prior exercise of its Covenant Defeasance option.

In order to exercise either Legal Defeasance or Covenant Defeasance:

- (1) Ball must irrevocably deposit with the trustee, in trust, for the benefit of the holders of the notes, cash in U.S. dollars, non-callable U.S. government securities, or a combination of cash in U.S. dollars and non-callable U.S. government securities, in amounts as will be sufficient, in the opinion of a nationally recognized firm of independent public accountants, to pay the principal of, interest and premium and Liquidated Damages, if any, on the outstanding notes on the stated maturity or on the applicable redemption date, as the case may be, and Ball must specify whether the notes are being defeased to maturity or to a particular redemption date;
- (2) in the case of Legal Defeasance, Ball has delivered to the trustee an opinion of counsel reasonably acceptable to the trustee confirming that (a) Ball has received from, or there has

122

been published by, the Internal Revenue Service a ruling or (b) since the date of the indenture, there has been a change in the applicable federal income tax law, in either case to the effect that, and based thereon such opinion of counsel will confirm that, the holders of the outstanding notes will not recognize income, gain or loss for federal income tax purposes as a result of such Legal Defeasance and will be subject to federal income tax on the same amounts, in the same manner and at the same times as would have been the case if such Legal Defeasance had not occurred;

- (3) in the case of Covenant Defeasance, Ball has delivered to the trustee an opinion of counsel reasonably acceptable to the trustee confirming that the holders of the outstanding notes will not recognize income, gain or loss for federal income tax purposes as a result of such Covenant Defeasance and will be subject to federal income tax on the same amounts, in the same manner and at the same times as would have been the case if such Covenant Defeasance had not occurred;
- (4) no Default or Event of Default has occurred and is continuing on the date of such deposit, other than a Default or Event of Default resulting from the borrowing of funds to be applied to such deposit;
- (5) such Legal Defeasance or Covenant Defeasance will not result in a breach or violation of, or constitute a default under any material agreement or instrument, other than the indenture, to which Ball or any of its Subsidiaries is a party or by which Ball or any of its Subsidiaries is bound;
- (6) Ball must deliver to the trustee an officers' certificate stating that the deposit was not made by Ball with the intent of preferring the holders of notes over the other creditors of Ball with the intent of defeating, hindering, delaying or defrauding creditors of Ball or others; and
- (7) Ball must deliver to the trustee an officers' certificate and an opinion of counsel, each stating that all conditions precedent relating to the Legal Defeasance or the Covenant Defeasance have been complied with.

Amendment, Supplement and Waiver

Except as provided in the next two succeeding paragraphs, the indenture or the notes may be amended or supplemented with the consent of the holders of at least a majority in principal amount of the notes then outstanding, including, without limitation, consents obtained in connection with a purchase of, or tender offer or exchange offer for, notes, and any existing default or compliance with any provision of the indenture or the notes may be waived with the consent of the holders of a majority in principal amount of the then outstanding notes, including, without limitation, consents obtained in connection with a purchase of, or tender offer or exchange offer for, notes.

Without the consent of each holder affected, an amendment or waiver may not with respect to any notes held by a non-consenting holder:

- (1) reduce the principal amount of notes whose holders must consent to an amendment, supplement or waiver;
- (2) reduce the principal of or change the fixed maturity of any note or alter or waive the provisions with respect to the redemption of the notes, other than provisions relating to the covenants described above under the caption "—Repurchase at the Option of Holders";
- (3) reduce the rate of or change the time for payment of interest on any note;
- (4) waive a Default or Event of Default in the payment of principal of, or interest or premium, or Liquidated Damages, on, the notes, except a rescission of acceleration of the notes by the holders of at least a majority in aggregate principal amount of the notes and a waiver of the payment default that resulted from such acceleration;

123

-
- (5) make any note payable in money other than that stated in the notes;
 - (6) make any change in the provisions of the indenture relating to waivers of past Defaults or the rights of holders of notes to receive payments of principal of, or interest or premium, or Liquidated Damages, on the notes;
 - (7) release any Guarantor from any of its obligations under its subsidiary guarantee or the indenture, except in accordance with the terms of the indenture; or
 - (8) make any change in the preceding amendment and waiver provisions.

Notwithstanding the preceding, without the consent of any holder of notes, Ball, the Guarantors and the trustee may amend or supplement the indenture, the notes or a subsidiary guarantee:

- (1) to cure any ambiguity, defect or inconsistency;
- (2) to provide for uncertificated notes in addition to or in place of certificated notes;
- (3) to provide for the assumption of Ball's obligations to holders of notes in the case of a merger or consolidation or sale of all or substantially all of Ball's assets;
- (4)

to make any change that would provide any additional rights or benefits to the holders of notes or that does not adversely affect the legal rights under the indenture of any such holder;

- (5) to comply with requirements of the SEC in order to effect or maintain the qualification of the indenture under the Trust Indenture Act, to provide for the issuance of additional notes in accordance with the indenture or to allow any Guarantor to execute a supplemental indenture and/or a subsidiary guarantee with respect to the notes;
- (6) to evidence and provide for the acceptance of appointment by a successor trustee;
- (7) to add guarantees with respect to the notes; and
- (8) to secure the notes.

The consent of the holders is not necessary under the indenture to approve the particular form of any proposed amendment. It is sufficient if such consent approves the substance of the proposed amendment.

After an amendment under the indenture becomes effective, Ball is required to mail to holders a notice briefly describing such amendment. However, the failure to give such notice to all holders, or any defect therein, will not impair or affect the validity of the amendment.

Satisfaction and Discharge

The indenture will be discharged and will cease to be of further effect as to all notes issued thereunder when:

- (1) either:
 - (a) all notes that have been authenticated, except lost, stolen or destroyed notes that have been replaced or paid and notes for whose payment money has been deposited in trust and thereafter repaid to Ball, have been delivered to the trustee for cancellation; or
 - (b) all notes that have not been delivered to the trustee for cancellation have become due and payable by reason of the mailing of a notice of redemption or otherwise or will become due and payable within one year and Ball or any Guarantor has irrevocably deposited or caused to be deposited with the trustee as trust funds in trust solely for the benefit of the Holders, cash in U.S. dollars, non-callable U.S. government securities, or a combination of cash in U.S. dollars and non-callable U.S. government securities, in

124

amounts as will be sufficient without consideration of any reinvestment of interest, to pay and discharge the entire indebtedness on the notes not delivered to the trustee for cancellation for principal, premium and Liquidated Damages, if any, and accrued interest to the date of maturity or redemption;

- (2) no Default or Event of Default has occurred and is continuing on the date of the deposit or will occur as a result of the deposit and the deposit will not result in a breach or violation of, or constitute a default under, any other instrument to which Ball or any Guarantor is a party or by which Ball or any Guarantor is bound;
- (3) Ball or any Guarantor has paid or caused to be paid all sums payable by it under the indenture; and
- (4) Ball has delivered irrevocable instructions to the trustee under the indenture to apply the deposited money toward the payment of the notes at maturity or the redemption date, as the case may be.

In addition, Ball must deliver an officers' certificate and an opinion of counsel to the trustee stating that all conditions precedent to satisfaction and discharge have been satisfied.

Concerning the Trustee

If the trustee becomes a creditor of Ball or any Guarantor, the indenture limits its right to obtain payment of claims in certain cases, or to realize on certain property received in respect of any such claim as security or otherwise. The trustee will be permitted to engage in other transactions; however, if it acquires any conflicting interest it must eliminate such conflict within 90 days, apply to the SEC for permission to continue or resign.

The holders of a majority in principal amount of the then outstanding notes will have the right to direct the time, method and place of conducting any proceeding for exercising any remedy available to the trustee, subject to certain exceptions. The indenture provides that in case an Event of Default occurs and is continuing, the trustee will be required, in the exercise of its power, to use the degree of care of a prudent man in the conduct of his own affairs. Subject to such provisions, the trustee will be under no obligation to exercise any of its rights or powers under the indenture at the request of any holder of notes, unless such holder has offered to the trustee security and indemnity satisfactory to it against any loss, liability or expense.

Additional Information

Anyone who receives this prospectus may obtain a copy of the indenture and registration rights agreement without charge by writing to Ball Corporation, 10 Longs Peak Drive, Broomfield, Colorado 80021-2510, Attention: Chief Financial Officer.

Book-Entry, Delivery and Form

Except as set forth below, the new notes will be issued in registered, global form in minimum denominations of \$1,000 and integral multiples of \$1,000 in excess of \$1,000. New notes will be issued at the closing of the exchange offer only against surrender of old notes.

The new notes initially will be represented by one or more notes in registered, global form without interest coupons attached (the "Global Note"). On the date of closing of the exchange offer, the Global Note will be deposited with DTC in New York, New York, and registered in the name of Cede & Co., as nominee of DTC, or will remain in the custody of the trustee pursuant to the FAST Balance Certificate Agreement between DTC and the trustee.

125

Unless definitive new notes are issued, the Global Note may be transferred, in whole and not in part, only to another nominee of DTC or to a successor of DTC or its nominee. Beneficial interests in the Global Note may not be exchanged for notes in certificated form except in the limited circumstances described below. See "—Exchange of Global Note for Certificated Notes."

Ownership of interests in the Global Note ("Book-Entry Interests") will be limited to persons that have accounts with DTC, or persons that hold interests through such Participants (as defined below). Except under the limited circumstances described below, beneficial owners of Book-Entry Interests will not be entitled to physical delivery of new notes in definitive form.

Book-Entry Interests will be shown on, and transfers thereof will be effected only through, records maintained in book-entry form by DTC or DTC's nominees and Participants. In addition while the new notes are in global form, holders of Book-Entry Interests will not be considered the owners or "holders" of new notes for any purpose. So long as the new notes are held in global form, DTC or its nominees will be considered the sole holders of the Global Note for all purposes under the indenture. In addition, Participants must rely on the procedures of DTC and Indirect Participants (as defined below) must rely on the procedures of DTC and the Participants through which they own Book-Entry Interests to transfer their interests or to exercise any rights of holders under the indenture. Transfers of beneficial interests in the Global Note will be subject to the applicable rules and procedures of DTC and its Participants or Indirect Participants, which may change from time to time.

Depository Procedures

The following description of the operations and procedures of DTC is provided solely as a matter of convenience. These operations and procedures are solely within the control of DTC and are subject to changes by DTC. Neither we nor the trustee take responsibility for or are liable for these operations and procedures, including the records relating to Book-Entry Interests, and we urge investors to contact DTC or its Participants directly to discuss these matters.

DTC has advised Ball that DTC is (1) a limited-purpose trust company organized under the banking laws of the State of New York, (2) a "banking organization" within the meaning of the New York Banking Law, (3) a member of the Federal Reserve System, (4) a "clearing corporation" within the meaning of the New York Uniform Commercial Code, as amended and (5) a "clearing agency" registered pursuant to Section 17A of the Securities Exchange Act of 1934. DTC was created to hold securities for its participating organizations (collectively, the "Participants") and to facilitate the clearance and settlement of transactions in those securities between Participants through electronic book-entry changes in accounts of its Participants. The Participants include securities brokers and dealers, banks, trust companies, clearing corporations and certain other organizations. Access to DTC's system is also available to other entities such as banks, brokers, dealers and trust companies that clear through or maintain a custodial relationship with a Participant, either directly or indirectly (collectively, the "Indirect Participants"). Persons who are not Participants may beneficially own securities held by or on behalf of DTC only through the Participants or the Indirect Participants. The ownership interests in, and transfers of ownership interests in, each security held by or on behalf of DTC are recorded on the records of the Participants and Indirect Participants.

DTC has also advised Ball that, pursuant to procedures established by it:

- (1) upon deposit of the Global Note, DTC will credit the accounts of Participants pursuant to the corresponding letters of transmittal with portions of the principal amount of the Global Notes; and
- (2) ownership of these interests in the Global Note will be shown on, and the transfer of ownership of these interests will be effected only through, records maintained by DTC (with respect

126

to the Participants) or by the Participants and the Indirect Participants (with respect to Indirect Participants).

We understand that under existing industry practice, in the event that we request any action of holders of new notes, or an owner of a beneficial interest in the Global Note desires to take any action that DTC, as the holder of such Global Note, is entitled to take, DTC would authorize the Participants to take the action and the Participants would authorize beneficial owners owning through the Participants to take the action or would otherwise act upon the instruction of the beneficial owners. Neither we nor the trustee will have any responsibility or liability for any aspect of the records relating to or payments made on account of notes by DTC, or for maintaining, supervising or reviewing any records of DTC relating to the notes.

All interests in a Global Note may be subject to the procedures and requirements of DTC. The laws of some jurisdictions, including certain states of the United States, require that certain Persons take physical delivery in definitive form of securities that they own. Consequently, the ability to transfer beneficial interests in a Global Note to such Persons will be limited to that extent. Because DTC can act only on behalf of Participants, which in turn act on behalf of themselves and Indirect Participants, the ability of a Person having beneficial interests in a Global Note to pledge or transfer such interests to Persons that do not participate in the DTC system, or otherwise take actions in respect of such interests, may be affected by the lack of a physical certificate evidencing such interests.

Except as described below, owners of interests in the Global Note will not have notes registered in their names, will not receive physical delivery of notes in certificated form and will not be considered the registered owners or "holders" thereof under the indenture for any purpose.

Payments in respect of the principal of, and interest and premium on a Global Note registered in the name of DTC or its nominee will be payable to DTC or its nominee in its capacity as the registered holder of the Global Note under the indenture. Under the terms of the indenture, Ball and the trustee will treat the Persons in whose names the notes, including the Global Note, are registered as the owners of the notes for the purpose of receiving payments and for all other purposes. Consequently, neither Ball, the trustee nor any agent of Ball or the trustee has or will have any responsibility or liability for:

- (1) any aspect of DTC's records or any Participant's or Indirect Participant's records relating to or payments made on account of beneficial ownership interest in the Global Note or for maintaining, supervising or reviewing any of DTC's records or any Participant's or Indirect Participant's records relating to the beneficial ownership interests in the Global Note; or
- (2) any other matter relating to the actions and practices of DTC or any of its Participants or Indirect Participants.

DTC has advised Ball that its current practice, upon receipt of any payment in respect of securities such as the notes (including principal and interest), is to credit the accounts of the relevant Participants with the payment on the payment date unless DTC has reason to believe it will not receive payment on such payment date. Each relevant Participant is credited with an amount proportionate to its beneficial ownership of an interest in the principal amount of the relevant security as shown on the records of DTC. Payments by the Participants and the Indirect Participants to the beneficial owners of notes will be governed by standing instructions and customary industry practices and will be the responsibility of the Participants or the Indirect Participants and will not be the responsibility of DTC, the trustee or Ball. Neither Ball nor the trustee will be liable for any delay by DTC or any of

its Participants in identifying the beneficial owners of the notes, and Ball and the trustee may conclusively rely on and will be protected in relying on instructions from DTC or its nominee for all purposes, including with respect to the registration and delivery, and the respective principal amounts, of the certificated notes to be issued.

Transfers between Participants in DTC will be effected in accordance with DTC's procedures, and will be settled in same-day funds.

DTC has advised Ball that it will take any action permitted to be taken by a holder of notes only at the direction of one or more Participants to whose account DTC has credited the interests in the Global Note and only in respect of such portion of the aggregate principal amount of the notes as to which such Participant or Participants has or have given such direction. However, if there is an Event of Default under the notes, DTC reserves the right to exchange the Global Note for legended notes in certificated form, and to distribute such notes to its Participants.

Although DTC has agreed to the foregoing procedures to facilitate transfers of interests in the Global Note among participants in DTC, DTC is under no obligation to perform or to continue to perform such procedures, and may discontinue such procedures at any time. Neither Ball nor the trustee nor any of their respective agents will have any responsibility for the performance by DTC or its Participants or Indirect Participants of their respective obligations under the rules and procedures governing DTC's operations.

Exchange of Global Notes for Certificated Notes

A Global Note is exchangeable for definitive notes in registered certificated form ("Certificated Notes") if:

- (1) DTC (a) notifies Ball that it is unwilling or unable to continue as depository or clearing system for the Global Note or (b) has ceased to be a clearing agency registered and in good standing under the Exchange Act and, in either case, Ball fails to appoint a successor depository within 90 days after we have received notice or become aware of this condition;
- (2) Ball, at its option, notifies the trustee in writing that it elects to cause the issuance of the Certificated Notes; or
- (3) there has occurred and is continuing a Default or Event of Default with respect to the notes.

In addition, beneficial interests in a Global Note may be exchanged for Certificated Notes upon prior written notice given to the trustee by or on behalf of DTC in accordance with the indenture. In all cases, Certificated Notes delivered in exchange for any Global Note or beneficial interests in the Global Note will be registered in the names of the person or persons or the nominee of any of these persons, and issued in any approved denominations, requested by or on behalf of the depository (in accordance with its customary procedures) and the trustee will cause the same to be delivered to these persons.

Exchange of Certificated Notes for Global Notes

Certificated Notes may not be exchanged for beneficial interests in any Global Note unless the transferor first delivers to the trustee a written certificate (in the form provided in the indenture) to the effect that such transfer will comply with the appropriate transfer restrictions applicable to such notes.

Redemption of the Global Note

In the event the Global Note, or any portion thereof, is redeemed, DTC will redeem an equal amount of the Book-Entry Interests in such Global Note from the amount received by it in respect of the redemption of such Global Note. The redemption price payable in connection with the redemption of such Book-Entry Interests will be equal to the amount received by DTC in connection with the redemption of such Global Note or any portion thereof. We understand that, under existing practices of

DTC, if fewer than all of the new notes are to be redeemed at any time, DTC will credit its Participants' accounts on a proportionate basis, with adjustments to prevent fractions, or by lot or on such other basis as DTC deems fair and appropriate; provided, however, that no Book-Entry Interest of \$1,000 principal amount or less may be redeemed in part.

Same Day Settlement and Payment

Ball will make payments in respect of the notes represented by the Global Note (including principal, premium, if any, and interest) by wire transfer of immediately available funds to the accounts specified by the Global Note holder. Ball will make all payments of principal, interest and premium with respect to Certificated Notes by wire transfer of immediately available funds to the accounts specified by the holders of the Certificated Notes or, if no such account is specified, by mailing a check to each such holder's registered address. The notes represented by the Global Notes are expected to trade in DTC's Same-Day Funds Settlement System, and any permitted secondary market trading activity in such notes will, therefore, be required by DTC to be settled in immediately available funds. Ball expects that secondary trading in any Certificated Notes will also be settled in immediately available funds.

Certain Definitions

Set forth below are certain defined terms used in the indenture. Reference is made to the indenture for a full disclosure of all such terms, as well as any other capitalized terms used herein for which no definition is provided.

"*Acquired Debt*" means, with respect to any specified Person, Indebtedness, including Disqualified Stock, of any other Person existing at the time such other Person is merged with or into, becomes a Restricted Subsidiary of such specified Person or is otherwise assumed by such specified Person in connection with an acquisition of assets from such Person, whether or not such Indebtedness is incurred in connection with, or in contemplation of, such other Person merging with or into, or becoming a Restricted Subsidiary of, such specified Person or the acquisition of assets from such person.

"*Additional Assets*" means:

- (1) any property or assets, other than Capital Stock, Indebtedness or rights to receive payments over a period greater than 180 days, that are usable by Ball or a Restricted Subsidiary in a Permitted Business; or
- (2)

the Capital Stock of a Person that is at the time, or becomes, a Restricted Subsidiary as a result of the acquisition of such Capital Stock by Ball or another Restricted Subsidiary.

"*Affiliate*" of any specified Person means any other Person directly or indirectly controlling or controlled by or under direct or indirect common control with such specified Person. For purposes of this definition, "control," as used with respect to any Person, means the possession, directly or indirectly, of the power to direct or cause the direction of the management or policies of such Person, whether through the ownership of voting securities, by agreement or otherwise; *provided*, that beneficial ownership of 10% or more of the Voting Stock of a Person will be deemed to be in control. For purposes of this definition, the terms "controlling," "controlled by" and "under common control with" have correlative meanings.

"*Asset Sale*" means:

- (1) the sale, lease, conveyance or other disposition of any assets or rights other than in the ordinary course of business consistent with past practices; *provided*, that the sale, lease, conveyance or other disposition of all or substantially all of the assets of Ball and its Restricted Subsidiaries taken as a whole will be governed by the provisions of the indenture described

129

above under the caption "—Repurchase at the Option of Holders—Change of Control" and/or the provisions described above under the caption "—Certain Covenants—Merger, Consolidation or Sale of Assets" and not by the provisions of the Asset Sale covenant; and

- (2) the issuance or sale of Equity Interests in any of Ball's Restricted Subsidiaries, and in the case of either clause (1) or (2), whether in a single transaction or series of related transactions (a) that have a fair market value in excess of \$10 million or (b) for Net Proceeds in excess of \$10 million.

Notwithstanding the preceding, none of the following items will be deemed to be an Asset Sale:

- (1) a transfer of assets or rights by Ball to a Restricted Subsidiary of Ball or by a Restricted Subsidiary of Ball to Ball or another Restricted Subsidiary of Ball;
- (2) an issuance or sale of Equity Interests by a Restricted Subsidiary of Ball to Ball or to another Restricted Subsidiary of Ball;
- (3) the sale or lease of equipment, inventory, accounts receivable or other current assets in the ordinary course of business;
- (4) the sale or other disposition of cash or Cash Equivalents;
- (5) a Restricted Payment that is not prohibited by the covenant described above under the caption "—Certain Covenants—Restricted Payments" or a Permitted Investment;
- (6) sales, conveyances or other transfers of receivables and related assets (A) to a Securitization Entity or to another Person as contemplated by the definition of "Qualified Securitization Transaction" in a Qualified Securitization Transaction or (B) in connection with the Schmalbach Receivables Facility;
- (7) the sale or disposition of obsolete, uneconomical, worn out or surplus property or equipment;
- (8) the surrender or waiver of contract rights or settlement, release or surrender of a contract, tort or other litigation claim in the ordinary course of business;
- (9) the granting of Liens not prohibited by the indenture;
- (10) any exchange of like property pursuant to Section 1031 of the Internal Revenue Code of 1986, as amended, for use in a Permitted Business;
- (11) the lease, assignment or sublease of any real or personal property in the ordinary course of business; and
- (12) any sale of Equity Interests in, or Indebtedness or other securities of, an Unrestricted Subsidiary.

"*Attributable Debt*" in respect of a sale and leaseback transaction means, at the time of determination, the present value of the obligation of the lessee for net rental payments during the remaining term of the lease included in such sale and leaseback transaction including any period for which such lease has been extended or may, at the option of the lessor, be extended. Such present value shall be calculated using a discount rate equal to the rate of interest implicit in such transaction, determined in accordance with GAAP.

"*Beneficial Owner*" has the meaning assigned to such term in Rule 13d-3 and Rule 13d-5 under the Exchange Act, except that in calculating the beneficial ownership of any particular "person", as that term is used in Section 13(d)(3) of the Exchange Act, such "person" will be deemed to have beneficial ownership of all securities that such "person" has the right to acquire by conversion or exercise of other securities, whether such right is currently exercisable or is exercisable only upon the occurrence

130

of a subsequent condition. The terms "Beneficially Owns" and "Beneficially Owned" have a corresponding meaning.

"*Ball Asia Pacific*" means Ball Asia Pacific Limited and its affiliates and joint ventures.

"*Board of Directors*" means:

- (1) with respect to a corporation, the board of directors of the corporation;
- (2) with respect to a partnership, the Board of Directors of the general partner of the partnership; and
- (3) with respect to any other Person, the board or committee of such Person serving a similar function.

"*Capital Lease Obligation*" means, at the time any determination thereof is to be made, the amount of the liability in respect of a capital lease that would at that time be required to be capitalized on a balance sheet in accordance with GAAP.

"*Capital Stock*" means:

- (1) in the case of a corporation, corporate stock;
- (2) in the case of an association or business entity, any and all shares, interests, participations, rights or other equivalents, however designated, of corporate stock;
- (3) in the case of a partnership or limited liability company, partnership or membership interests, whether general or limited; and
- (4) any other interest or participation that confers on a Person the right to receive a share of the profits and losses of, or distributions of assets of, the issuing Person.

"*Cash Equivalents*" means:

- (1) United States dollars;
- (2) securities issued or directly and fully guaranteed or insured by the United States government or any agency or instrumentality of the United States government having maturities of not more than one year from the date of acquisition;
- (3) certificates of deposit and eurodollar time deposits with maturities of not more than one year from the date of acquisition, bankers' acceptances with maturities of not more than one year from the date of acquisition and overnight bank deposits, in each case, with any domestic commercial bank having capital and surplus in excess of \$500 million and a Thomson Bank Watch Rating of "B" or better;
- (4) repurchase obligations with a term of not more than seven days for underlying securities of the types described in clauses (2) and (3) above entered into with any financial institution meeting the qualifications specified in clause (3) above;
- (5) commercial paper having the highest rating obtainable from Moody's, or one of the two highest ratings from S&P and in each case maturing within six months after the date of acquisition;
- (6) money market funds at least 95% of the assets of which constitute Cash Equivalents of the kinds described in clauses (1) through (5) of this definition; and

131

-
- (7) in the case of any Foreign Subsidiary;
 - (a) direct obligations of the sovereign nation, or any agency thereof, in which such Foreign Subsidiary is organized and is conducting business or in obligations fully and unconditionally guaranteed by such sovereign nation, or any agency thereof;
 - (b) investments of the type and maturity described in clauses (1) through (6) above of foreign obligors, which investments or obligors have ratings described in such clauses or equivalent ratings from comparable foreign rating agencies; or
 - (c) investments of the type and maturity described in clauses (1) through (6) above of foreign obligors which investments or obligors are not rated as provided in such clauses or in clause (b) above but which are, in the reasonable judgment of Ball, comparable in investment quality to such investments and obligors, or the direct or indirect parent of such obligors.

"*Change of Control*" means the occurrence of any of the following:

- (1) the sale, transfer, conveyance or other disposition, other than by way of merger or consolidation, in one or a series of related transactions, of all or substantially all of the assets of Ball and its Restricted Subsidiaries taken as a whole to any "person", as that term is used in Section 13(d)(3) of the Exchange Act;
- (2) the adoption of a plan relating to the liquidation or dissolution of Ball;
- (3) the consummation of any transaction, including, without limitation, any merger or consolidation, the result of which is that any "person," as defined above, becomes the ultimate Beneficial Owner, directly or indirectly, of more than 50% of the Voting Stock of Ball, measured by voting power rather than number of shares;
- (4) the first day on which a majority of the members of the Board of Directors of Ball are not Continuing Directors; or
- (5) Ball consolidates with, or merges with or into, any Person or sells, assigns, conveys, transfers, leases or otherwise disposes of all or substantially all of its assets to any Person, or any Person consolidates with, or merges with or into, Ball, in any such event pursuant to a transaction in which any of the outstanding Voting Stock of Ball is converted into or exchanged for cash, securities or other property, other than any such transaction where the Voting Stock of Ball outstanding immediately prior to such transaction is converted into or exchanged for Voting Stock (other than Disqualified Stock) of the surviving or transferee Person constituting a majority of the outstanding shares of such Voting Stock of such surviving or transferee Person (immediately after giving effect to such issuance).

"*Consolidated Cash Flow*" means, with respect to any specified Person for any period, the Consolidated Net Income of such Person for such period *plus*:

- (1) an amount equal to any extraordinary loss plus any net loss realized by such Person or any of its Restricted Subsidiaries in connection with an Asset Sale, to the extent such losses were deducted in computing such Consolidated Net Income; *plus*
- (2) provision for taxes based on income or profits of such Person and its Restricted Subsidiaries for such period, to the extent that such provision for taxes was included in computing such Consolidated Net Income; *plus*
- (3) consolidated interest expense of such Person and its Restricted Subsidiaries for such period, whether paid or accrued and whether or not capitalized, including, without limitation, amortization of debt issuance costs and original issue discount, non-cash interest payments, the

interest component of any deferred payment obligations, the interest component of all payments associated with Capital Lease Obligations, imputed interest with respect to Attributable Debt, commissions, discounts and other fees and charges incurred in respect of letter of credit or bankers' acceptance financings and receivables financings, and net payments, if any, pursuant to Hedging Obligations, to the extent that any such expense was deducted in computing such Consolidated Net Income; *plus*

- (4) depreciation, amortization, including amortization of goodwill and other intangibles but excluding amortization of prepaid cash expenses that were paid in a prior period, and other non-cash expenses, excluding any such non-cash expense to the extent that it represents an accrual of or reserve for cash expenses in any future period, of such Person and its Restricted Subsidiaries for such period to the extent that such depreciation, amortization and other non-cash expenses were deducted in computing such Consolidated Net Income; *minus*
- (5) non-cash items increasing such Consolidated Net Income for such period, other than items that were accrued in the ordinary course of business,

in each case, on a consolidated basis and determined in accordance with GAAP.

"*Consolidated Net Income*" means, with respect to any specified Person for any period, the aggregate of the Net Income of such Person and its Restricted Subsidiaries for such period, on a consolidated basis, determined in accordance with GAAP; *provided*, that:

- (1) the Net Income (but not loss) of any Person (other than Ball) that is not a Restricted Subsidiary or that is accounted for by the equity method of accounting will be included only to the extent of the amount of dividends or distributions paid in cash to the specified Person or a Restricted Subsidiary of the Person;
- (2) the Net Income of any Restricted Subsidiary will be excluded to the extent that the declaration or payment of dividends or similar distributions by that Restricted Subsidiary of that Net Income is not at the date of determination permitted without any prior governmental approval, that has not been obtained or, directly or indirectly, by operation of the terms of its charter or any agreement, instrument, judgment, decree, order, statute, rule or governmental regulation applicable to that Restricted Subsidiary or its stockholders;
- (3) the Net Income of any Person acquired in a pooling of interests transaction for any period prior to the date of such acquisition will be excluded; and
- (4) the cumulative effect of a change in accounting principles will be excluded.

"*Continuing Directors*" means, as of any date of determination, any member of the Board of Directors of Ball who:

- (1) was a member of such Board of Directors on the date of the indenture; or
- (2) was nominated for election or elected to such Board of Directors with the approval of a majority of the Continuing Directors who were members of such Board at the time of such nomination or election.

"*Credit Facilities*" means one or more debt facilities, including, without limitation, the New Credit Facilities, or commercial paper facilities, in each case with banks, investment funds or other lenders providing for revolving credit loans, term loans, receivables financings, including through the sale of receivables to such lenders or to special purpose entities formed to borrow from such lenders against such receivables or letters of credit, in each case, as amended, restated, modified, renewed, refunded, replaced or refinanced in whole or in part from time to time.

"*Default*" means any event that is, or with the passage of time or the giving of notice or both would be, an Event of Default.

"*Designated Noncash Consideration*" means the fair market value of noncash consideration received by Ball or one of its Restricted Subsidiaries in connection with an Asset Sale that is so designated as Designated Noncash Consideration pursuant to an officers' certificate, setting forth the basis of such valuation, executed by the principal executive officer and the principal financial officer of Ball, less the amount of cash or Cash Equivalents received in connection with a sale of such Designated Noncash Consideration.

"*Disqualified Stock*" means any Capital Stock that, by its terms, or by the terms of any security into which it is convertible or for which it is exchangeable, in each case at the option of the holder of the security, or upon the happening of any event, matures, excluding any maturity as the result of the optional redemption thereof, or is mandatorily redeemable, pursuant to a sinking fund obligation or otherwise, or redeemable at the option of the holder, in whole or in part, on or prior to the date on which the notes mature, except to the extent that such Capital Stock is solely redeemable with, or solely exchangeable for, any Equity Interests of Ball that are not Disqualified Stock; *provided, however*, that only the portion of the Capital Stock or other security which so matures, is mandatorily redeemable or is so redeemable at the option of the holder prior to such date shall be deemed to be Disqualified Stock; *provided further* that if such Capital Stock or other security is issued to any employee or to any plan for the benefit of employees of Ball or its Subsidiaries or by any such plan to such employees, such Capital Stock or other security shall not constitute Disqualified Stock solely because it may be required to be repurchased by Ball or any of its Subsidiaries in order to satisfy applicable statutory or regulatory obligations or as a result of such employee's termination, death or disability. Notwithstanding the preceding sentence, any Capital Stock that would constitute Disqualified Stock solely because the holders of the Capital Stock have the right to require Ball to repurchase such Capital Stock upon the occurrence of a change of control or an asset sale will not constitute Disqualified Stock if the terms of such Capital Stock provide that Ball may not repurchase or redeem any such Capital Stock pursuant to such provisions unless such repurchase or redemption complies with the covenant described above under the caption "*Certain Covenants—Restricted Payments*."

"*Domestic Subsidiary*" means a Subsidiary that is formed under the laws of the United States or any state of the United States or the District of Columbia or that guarantees or otherwise provides direct credit support for any Indebtedness of Ball or its Domestic Subsidiaries.

"*Equity Interests*" means Capital Stock and all warrants, options or other rights to acquire Capital Stock, but excluding any debt security that is convertible into, or exchangeable for, Capital Stock.

"*Equity Offering*" means:

- (1) an offering or sale of Capital Stock, other than Disqualified Stock, of Ball; or
- (2) the contribution of cash to Ball as an equity capital contribution, other than in respect of Disqualified Stock.

"*Excluded Subsidiary*" means each of the following Subsidiaries of Ball: Ball Corporation, a Nevada corporation; Ball Glass Containers, Inc.; Ball Metal Container Corporation; Ball Technology Licensing Corporation; Heekin Can, Inc.; Muncie & Western Railroad Company; BG Holdings I, Inc., BG Holdings II, Inc., Ball Asia Services Limited, Ball Glass Container Corporation, Ball Holdings Corp., Ball Technology Services Corporation, Efratom Holding, Inc., Laser Communications International L.L.C. and Space Operations International, L.L.C., together with such other Subsidiaries of Ball as may from time to time be designated by Ball as "Excluded Subsidiaries" pursuant to an officers' certificate

delivered to the trustee; *provided*, that each such Subsidiary shall be an Excluded Subsidiary only if and only for so long as:

- (1) the aggregate of the net sales of all such Subsidiaries shall not exceed \$10 million in any twelve-month period; and
- (2) the aggregate of the assets, including capitalization, of all such Subsidiaries as of any date shall not exceed \$10 million.

"*Existing Indebtedness*" means Indebtedness of Ball, Ball's Restricted Subsidiaries and Schmalbach-Lubeca GmbH and its Subsidiaries, other than Indebtedness under the New Credit Facilities, in existence on the date of the indenture.

"*Existing Senior Notes*" means up to \$300 million of Ball's 7³/₄% Senior Notes due 2006.

"*Existing Subordinated Notes*" means up to \$250 million of Ball's 8¹/₄% Senior Subordinated Notes due 2008.

"*Existing Subordinated Notes Indenture*" means the indenture governing Ball's Existing Subordinated Notes.

"*Existing Notes*" means the Existing Senior Notes and the Existing Subordinated Notes.

"*Fixed Charges*" means, with respect to any specified Person for any period, the sum, without duplication, of:

- (1) the consolidated interest expense of such Person and its Restricted Subsidiaries for such period, whether paid or accrued, including, without limitation, to the extent properly characterized as interest expense in accordance with GAAP, amortization of debt issuance costs and original issue discount, non-cash interest payments, the interest component of any deferred payment obligations, the interest component of all payments associated with Capital Lease Obligations, imputed interest with respect to Attributable Debt, commissions, discounts and other fees and charges incurred in respect of letter of credit or bankers' acceptance financings, and net payments, if any, pursuant to Hedging Obligations;
- (2) the consolidated interest of such Person and its Restricted Subsidiaries that was capitalized during such period;
- (3) any interest expense on Indebtedness of another Person that is Guaranteed by such Person or one of its Restricted Subsidiaries or secured by a Lien on assets of such Person or one of its Restricted Subsidiaries, whether or not such Guarantee or Lien is called upon; and
- (4) all dividend payments, whether or not in cash, on any series of preferred stock of such Person or any of its Restricted Subsidiaries, other than dividends on Equity Interests payable solely in Equity Interests of Ball, other than Disqualified Stock, or to Ball or a Restricted Subsidiary of Ball.

"*Fixed Charge Coverage Ratio*" means with respect to any specified Person for any period, the ratio of the Consolidated Cash Flow of such Person and its Restricted Subsidiaries for such period to the Fixed Charges of such Person its Restricted Subsidiaries for such period. In the event that the specified Person or any of its Restricted Subsidiaries incurs, assumes, Guarantees, repays, repurchases or redeems any Indebtedness (other than ordinary working capital borrowings) or issues, repurchases or redeems preferred stock subsequent to the commencement of the period for which the Fixed Charge Coverage Ratio is being calculated and on or prior to the date on which the event for which the calculation of the Fixed Charge Coverage Ratio is made (the "Calculation Date"), then the Fixed Charge Coverage Ratio will be calculated giving pro forma effect to such incurrence, assumption, Guarantee, repayment, repurchase or redemption of Indebtedness, or such issuance, repurchase or

redemption of preferred stock, and the use of the proceeds therefrom as if the same had occurred at the beginning of the applicable four-quarter reference period.

In addition, for purposes of calculating the Fixed Charge Coverage Ratio:

- (1) acquisitions that have been made by the specified Person or any of its Restricted Subsidiaries, including through mergers or consolidations and including any related financing transactions, during the four-quarter reference period or subsequent to such reference period and on or prior to the Calculation Date shall be deemed to have occurred on the first day of the four-quarter reference period and Consolidated Cash Flow for such reference period will be calculated without giving effect to clause (3) of the proviso set forth in the definition of Consolidated Net Income;
- (2) the Consolidated Cash Flow attributable to discontinued operations, as determined in accordance with GAAP, and operations or businesses disposed of prior to the Calculation Date, will be excluded; and
- (3) the Fixed Charges attributable to discontinued operations, as determined in accordance with GAAP, and operations or businesses disposed of prior to the Calculation Date, will be excluded, but only to the extent that the obligations giving rise to such Fixed Charges will not be obligations of the specified Person or any of its Restricted Subsidiaries following the Calculation Date.

"*Foreign Subsidiaries*" means Subsidiaries of Ball that are not Domestic Subsidiaries.

"*GAAP*" means generally accepted accounting principles set forth in the opinions and pronouncements of the Accounting Principles Board of the American Institute of Certified Public Accountants and statements and pronouncements of the Financial Accounting Standards Board and such other statements by such other entity as have been approved by a significant segment of the accounting profession, which are applicable as of the date of the indenture.

"*Guarantee*" means a guarantee, other than by endorsement of negotiable instruments for collection in the ordinary course of business, direct or indirect, in any manner including, without limitation, by way of a pledge of assets or through letters of credit or reimbursement agreements in respect thereof, of all or any part of any Indebtedness.

"*Guarantors*" means:

- (1) each Domestic Subsidiary of Ball as of the date of the indenture (other than Ball Capital Corp., Ball Asia Pacific and the Excluded Subsidiaries); and
- (2) any other Subsidiary of Ball that executes a Subsidiary Guarantee in accordance with the provisions of the indenture;

and their respective successors and assigns.

"*Hedging Counterparty*" means, with respect to any Hedging Obligations, any counterparty thereto, at the time such Hedging Obligations are initially incurred, that is a holder, or an Affiliate thereof, of Indebtedness under any Credit Facilities. For clarification, such counterparty (and its successors and assigns) shall be deemed a Hedging Counterparty even if it or its Affiliate ceases to be a holder of Indebtedness under any Credit Facilities for any reason.

"*Hedging Obligations*" means, with respect to any specified Person, the net payment obligations of such Person under:

- (1) interest rate swap agreements, interest rate cap agreements and interest rate collar agreements; and

136

-
- (2) other agreements or arrangements in respect of such Person's exposure to fluctuations in commodity prices, currency exchange rates or interest rates and, in each case, not entered into for speculative purposes.

"*Indebtedness*" means, with respect to any specified Person, any indebtedness of such Person, whether or not contingent:

- (1) in respect of borrowed money;
- (2) evidenced by bonds, notes, debentures or similar instruments or letters of credit, or reimbursement agreements in respect thereof;
- (3) in respect of banker's acceptances;
- (4) representing Capital Lease Obligations;
- (5) representing the balance deferred and unpaid of the purchase price of any property, except any such balance that constitutes an accrued expense or trade payable; or
- (6) representing any Hedging Obligations,

if and to the extent any of the preceding items, other than letters of credit and Hedging Obligations, would appear as a liability upon a balance sheet of the specified Person prepared in accordance with GAAP. In addition, the term "Indebtedness" includes all Indebtedness of others secured by a Lien on any asset of the specified Person, whether or not such Indebtedness is assumed by the specified Person, and, to the extent not otherwise included, the Guarantee by the specified Person of any Indebtedness of any other Person or any liability of any person, whether or not contingent and whether or not it appears on the balance sheet of such Person.

The amount of any Indebtedness outstanding as of any date will be:

- (1) the accreted value of the Indebtedness, in the case of any Indebtedness that does not require the current payment of interest; and
- (2) the principal amount of the Indebtedness, together with any interest on the Indebtedness that is more than 30 days past due, in the case of any other Indebtedness.

"*Investments*" means, with respect to any Person, all investments by such Person in other Persons, including Affiliates, in the form of loans, including Guarantees of Indebtedness or other Obligations, advances or capital contributions, excluding commission, travel, entertainment, moving and similar advances to officers and employees made in the ordinary course of business, prepaid expenses and accounts receivable, purchases or other acquisitions for consideration of Indebtedness, Equity Interests or other securities, together with all items that are or would be classified as investments on a balance sheet prepared in accordance with GAAP. If Ball or any Restricted Subsidiary of Ball sells or otherwise disposes of any Equity Interests of any direct or indirect Restricted Subsidiary of Ball such that, after giving effect to any such sale or disposition, such Person is no longer a direct or indirect Restricted Subsidiary of Ball, Ball or such Restricted Subsidiary, as the case may be, will be deemed to have made an Investment on the date of any such sale or disposition equal to the fair market value of the Equity Interests of such Restricted Subsidiary that were not sold or disposed of in an amount determined as provided in the final paragraph of the covenant described above under the caption "—Certain Covenants—Restricted Payments."

"*Lien*" means, with respect to any asset, any mortgage, lien, pledge, charge, security interest or encumbrance of any kind in respect of such asset, whether or not filed, recorded or otherwise perfected under applicable law, including any conditional sale or other title retention agreement or any lease in the nature thereof; *provided* that in no event shall an operating lease be deemed to constitute a Lien.

137

"*Limited Originator Recourse*" means a reimbursement obligation to Ball or a Restricted Subsidiary in connection with a drawing on a letter of credit, revolving loan commitment, cash collateral account or other such credit enhancement issued to support Indebtedness of a Securitization Entity under a facility for the financing of trade receivables; *provided*, that the available amount of any such form of credit enhancement at any time shall not exceed 10% of the principal amount of such Indebtedness at such time.

"*Liquidated Damages*" means the liquidated damages then owing under the registration rights agreement.

"*Moody's*" means Moody's Investors Service, Inc.

"*Net Income*" means, with respect to any specified Person, the net income or loss of such Person, determined in accordance with GAAP and before any reduction in respect of preferred stock dividends, excluding, however:

- (1) any gain or loss, together with any related provision for taxes on such gain or loss, realized in connection with the disposition of any securities by such Person or any of its Restricted Subsidiaries or the extinguishment of any Indebtedness of such Person or any of its Restricted Subsidiaries;
- (2) any extraordinary gain or loss, together with any related provision for taxes on such extraordinary gain or loss; and
- (3) any one-time noncash charges (including legal, accounting and debt issuance costs) resulting from the Transactions.

"*Net Proceeds*" means the aggregate cash proceeds or Cash Equivalents received by Ball or any of its Restricted Subsidiaries in respect of any Asset Sale, including, without limitation, any cash received upon the sale or other disposition of any non-cash consideration received in any Asset Sale, net of all costs relating to such Asset Sale, including, without limitation, legal, accounting, investment banking and brokers fees, and sales and underwriting commissions, and any relocation expenses incurred as a result thereof, taxes paid or payable as a result thereof (after taking into account any available tax credits or deductions and any tax sharing arrangements), and amounts required to be applied to the repayment of Indebtedness, other than Indebtedness under a Credit Facility secured by a Lien on the asset or assets that were the subject of such Asset Sale and any reserve for adjustment in respect of the sale price of such asset or assets established in accordance with GAAP.

"*New Credit Facilities*" means that certain credit facility, to be entered into in connection with the transactions.

"*Non-Recourse Debt*" means Indebtedness:

- (1) as to which neither Ball nor any of its Restricted Subsidiaries, other than a Securitization Entity, if applicable, (a) provides credit support of any kind, including any undertaking, agreement or instrument that would constitute Indebtedness, (b) is directly or indirectly liable as a guarantor or otherwise or (c) constitutes the lender;
- (2) no default with respect to which, including any rights that the holders of the Indebtedness may have to take enforcement action against an Unrestricted Subsidiary, would permit upon notice, lapse of time or both any holder of any other Indebtedness, other than the notes, of Ball or any of its Restricted Subsidiaries to declare a default on such other Indebtedness or cause the payment of the Indebtedness to be accelerated or payable prior to its stated maturity; and
- (3) as to which the lenders have been notified in writing that they will not have any recourse to the stock or assets of Ball or any of its Restricted Subsidiaries, other than a Securitization Entity, if applicable.

"*Obligations*" means any principal, premium, if any, interest, (including interest accruing on or after the filing of any petition in bankruptcy or for reorganization relating to Ball or its Restricted Subsidiaries whether or not a claim for post-filing interest is allowed in such proceeding, penalties, fees, charges, expenses, indemnifications, reimbursement obligations, damages, including liquidated damages, guarantees and other liabilities or amounts payable under the documentation governing any Indebtedness or in respect thereof.

"*Permitted Business*" means the lines of business conducted by Ball and its Restricted Subsidiaries on the date hereof and businesses substantially similar, related or incidental thereto or reasonable extensions thereof.

"*Permitted Investments*" means:

- (1) any Investment in Ball or in a Restricted Subsidiary of Ball;
- (2) any Investment in Cash Equivalents;
- (3) any Investment by Ball or any Restricted Subsidiary of Ball in a Person engaged in a Permitted Business, if as a result of such Investment:
 - (a) such Person becomes a Restricted Subsidiary of Ball; or
 - (b) such Person is merged, consolidated or amalgamated with or into, or transfers or conveys substantially all of its assets to, or is liquidated into, Ball or a Restricted Subsidiary of Ball;
- (4) any Investment made as a result of the receipt of non-cash consideration from an Asset Sale that was made pursuant to and in compliance with the covenant described above under the caption "—Repurchase at the Option of Holders—Asset Sales" (including, without limitation, any sale or other disposition of all or a portion of the business constituting the aerospace and technologies segment of Ball) or any other disposition of assets not constituting an Asset Sale;
- (5) any Investment made in exchange for the issuance of Equity Interests, other than Disqualified Stock, of Ball;
- (6) other Investments in any Person having an aggregate fair market value, measured on the date each such Investment was made and without giving effect to subsequent changes in value, when taken together with all other Investments made pursuant to this clause (6) since the date of the indenture not to exceed 2.5% of Total Assets.
- (7) Hedging Obligations;
- (8) (1) any Investment by Ball or a Restricted Subsidiary of Ball in a Securitization Entity or any Investment by a Securitization Entity in any other Person in connection with a Qualified Securitization Transaction; provided, that any Investment in a Securitization Entity is in the form of a Purchase Money Note or an Equity Interest; or (2) any sale or transfer of receivables in connection with the Schmalbach Receivables Facility;
- (9) any Investment existing on the date of the indenture and any amendment, modification, restatement, supplement, extension, renewal, refunding, replacement, or refinancing, in whole or in part, thereof;
- (10) any Investments received in satisfaction of judgments, settlements of debt or compromises of obligations incurred in the ordinary course of business, including pursuant to any plan of reorganization or similar arrangement upon the bankruptcy or insolvency of any trade creditor or customer;

-
- (11) any Investment in Ball Asia Pacific, the proceeds of which are used to permanently repay Indebtedness of Ball Asia Pacific in an amount up to the amount that was outstanding on August 10, 1998 plus any interest, prepayment penalty and reasonable costs associated with such repayment;
 - (12) Investments in Permitted Joint Ventures of up to \$50 million outstanding at any time;
 - (13) receivables owing to Ball or any Restricted Subsidiary if created or acquired in the ordinary course of business and payable or dischargeable in accordance with customary trade terms; provided that such trade terms may include such concessionary trade terms as Ball or any such Restricted Subsidiary deems reasonable under the circumstances;
 - (14) Investments deemed to have been made as a result of the acquisition of a Person that at the time of such acquisition held instruments constituting Investments that were not acquired in contemplation of the acquisition of such Person;
 - (15) Investments in prepaid expenses and lease, utility and workers' compensation performance and other similar deposits;
 - (16) commission, payroll, travel and similar advances to employees in the ordinary course of business;
 - (17) Investments consisting of intercompany indebtedness not prohibited under the indenture;
 - (18) Investments consisting of the licensing or contribution of intellectual property pursuant to joint marketing arrangements with other Persons; and
 - (19) Investments consisting of purchases and acquisitions of inventory, supplies, materials and equipment or purchases of contract rights or licenses or leases of intellectual property, in each case in the ordinary course of business.

"*Permitted Joint Venture*" means an entity characterized as a joint venture, however structured, engaged in a Permitted Business and in which Ball or a Restricted Subsidiary (a) owns at least 40% of the ownership interest or (b) has a right to receive at least 40% of the profits or distributions; provided that such joint venture is not a Subsidiary of Ball.

"*Permitted Liens*" means:

- (1) Liens on assets, including, without limitation, the capital stock of a Subsidiary, of Ball or any of its Restricted Subsidiaries to secure Indebtedness under any Credit Facilities that is permitted by the terms of the indenture to be incurred, whether pursuant to the terms of the first or second paragraph of the covenant described above under the caption "—Incurrence of Indebtedness and Issuance of Disqualified and Preferred Stock" or otherwise;
- (2) Liens on the assets, including, but not limited to, the capital stock of a subsidiary, of Ball or any of its Restricted Subsidiaries to secure Indebtedness in respect of any Hedging Obligations to any Hedging Counterparty, but only to the extent that such Hedging Obligations relate to Indebtedness that is permitted by the terms of the indenture to be incurred;
- (3) Liens on property or assets of a Person existing at the time such Person is acquired by, or merged into or consolidated with, Ball or any Restricted Subsidiary of Ball; *provided*, that such Liens were not put in place in contemplation thereof and do not extend to any property or assets other than those of the Person acquired by, or merged into or consolidated with, Ball or any Restricted Subsidiary of Ball;
- (4) Liens on property or assets existing at the time of acquisition thereof by Ball or any Restricted Subsidiary of Ball, provided, that such Liens were not put in place in contemplation thereof and only extend to the property or assets so acquired;

-
- (5) Liens existing on the date of the indenture;
 - (6) Liens to secure any Permitted Refinancing Indebtedness incurred to refinance any Indebtedness secured by any Lien referred to in the foregoing clauses (1) through (5), as the case may be, at the time the original Lien became a Permitted Lien;
 - (7) Liens in favor of Ball or any Restricted Subsidiary of Ball;
 - (8) Liens to secure Indebtedness permitted by clause (16) of the second paragraph of the covenant described above under the caption "—Incurrence of Indebtedness and Issuance of Disqualified and Preferred Stock";
 - (9) Liens incurred in the ordinary course of business of Ball or any Restricted Subsidiary of Ball with respect to obligations that do not exceed \$50 million in the aggregate at any one time outstanding and that (a) are not incurred in connection with the borrowing of money or the obtaining of advances or credit, other than trade credit in the ordinary course of business, and (b) do not in the aggregate materially detract from the value of the property or materially impair the use thereof in the operation of business by Ball or such Restricted Subsidiary;
 - (10) Liens incurred or deposits made to secure the performance of statutory or regulatory obligations, bankers' acceptances, surety or appeal bonds, performance bonds, deposits to secure the performance of tenders, bids, trade contracts, government contracts, import duties, payment of rent, performance, letters of credit and return-of-money bonds, leases or licenses or other obligations of a like nature incurred in the ordinary course of business, including, without limitation, landlord Liens on leased properties;
 - (11) Liens for taxes, assessments or governmental charges or claims that are not yet delinquent, that are not subject to penalties or interest for non-payment or that are being contested in good faith by appropriate proceedings; provided, that any reserve or other appropriate provision as shall be required to conform with GAAP shall have been made therefor;
 - (12) Liens to secure Indebtedness, including Capital Lease Obligations, permitted by clause (4) of the second paragraph of the covenant described above under the caption "—Incurrence of Indebtedness and Issuance of Disqualified and Preferred Stock" covering only the assets acquired with such Indebtedness;
 - (13)

carriers', warehousemen's, mechanics', landlords', materialmen's, repairmen's, suppliers' or other like Liens arising in the ordinary course of business and deposits made to obtain the release of such liens and with respect of obligations not overdue for a period in excess of 60 days or which are being contested in good faith by appropriate proceedings; provided, that any reserve or other appropriate provision as shall be required to conform with GAAP shall have been made therefor;

- (14) easements, rights-of-way, zoning ordinances and similar charges, restrictions, exceptions or other irregularities, reservations of, or rights of others for: licenses, sewers, electric lines, telegraph and telephone lines, and other similar encumbrances or title defects incurred, or leases or subleases granted to others, in the ordinary course of business, which do not in any case materially detract from the value of the property subject thereto or do not materially interfere with the ordinary conduct of the business of Ball and its Restricted Subsidiaries taken as a whole;
- (15) Liens in favor of customs and revenue authorities to secure payment of customs duties in connection with the importation of goods in the ordinary course of business and other similar Liens arising in the ordinary course of business;

141

-
- (16) leases or subleases granted to third Persons not materially interfering with the ordinary course of business of Ball and its Restricted Subsidiaries taken as a whole;
 - (17) Liens, other than any Lien imposed by ERISA or any rule or regulation promulgated thereunder, incurred or pledges or deposits made in the ordinary course of business in connection with workers' compensation, unemployment insurance and other types of social security;
 - (18) deposits made in the ordinary course of business to secure liability to insurance carriers;
 - (19) Liens for purchase money obligations, including refinancings thereof permitted under the covenant described above under the caption "—Incurrence of Indebtedness and Issuance of Disqualified and Preferred Stock", provided, that (a) the Indebtedness secured by any such Lien is permitted under the covenant described above under the caption "—Incurrence of Indebtedness and Issuance of Disqualified and Preferred Stock" and (b) any such Lien encumbers only the asset so purchased;
 - (20) any attachment or judgment Lien not constituting an Event of Default under clause (i) of the first paragraph of the section described above under the caption "—Events of Default and Remedies" and Liens arising from the rendering of a judgment that is not a final judgment or order against Ball or any Restricted Subsidiary with respect to which Ball or such Restricted Subsidiary is then proceeding with an appeal or other proceeding for review or in connection with surety or appeal bonds in connection with such attachment or judgment;
 - (21) any interest or title of a lessor or sublessor under any operating lease or capital lease;
 - (22) Liens (A) on assets transferred to a Securitization Entity or on assets of a Securitization Entity, in either case incurred in connection with a Qualified Securitization Transaction or (B) incurred pursuant to the Schmalbach Receivables Facility;
 - (23) Liens under licensing agreements for use of intellectual property entered into in the ordinary course of business;
 - (24) Liens arising from Uniform Commercial Code financing statement filings regarding operating leases entered into by Ball and its Restricted Subsidiaries in the ordinary course of business; and
 - (25) Rights of set-off of banks and other Persons.

"*Permitted Refinancing Indebtedness*" means any Indebtedness of Ball or any of its Restricted Subsidiaries issued in exchange for, or the net proceeds of which are used to extend, refinance, renew, replace, defease or refund other Indebtedness of Ball or any of its Restricted Subsidiaries, other than intercompany Indebtedness; *provided*, that:

- (1) the principal amount, or accreted value, if applicable, of such Permitted Refinancing Indebtedness does not exceed the principal amount, or accreted value, if applicable, of the Indebtedness extended, refinanced, renewed, replaced, defeased or refunded, plus all accrued interest and premiums on the Indebtedness and the amount of all fees, expenses, prepayment penalties and premiums incurred in connection therewith;
- (2) such Permitted Refinancing Indebtedness has a final maturity date later than the final maturity date of, and has a Weighted Average Life to Maturity equal to or greater than the Weighted Average Life to Maturity of, the Indebtedness being extended, refinanced, renewed, replaced, defeased or refunded;
- (3) if the Indebtedness being extended, refinanced, renewed, replaced, defeased or refunded is subordinated in right of payment to the notes, such Permitted Refinancing Indebtedness has a final maturity date later than the final maturity date of, and is subordinated in right of

142

payment to, the notes on terms at least as favorable to the holders of notes as those contained in the documentation governing the Indebtedness being extended, refinanced, renewed, replaced, defeased or refunded; and

- (4) such Indebtedness is incurred either by Ball or by the Restricted Subsidiary who is the obligor on the Indebtedness being extended, refinanced, renewed, replaced, defeased or refunded.

"*Person*" means any individual, corporation, partnership, joint venture, association, joint-stock company, trust, unincorporated organization, limited liability company or government or any agency or political subdivision thereof or any other entity.

"*Purchase Money Note*" means a promissory note of a Securitization Entity evidencing a line of credit, which may be irrevocable, from Ball or any Restricted Subsidiary of Ball in connection with a Qualified Securitization Transaction, which note shall be repaid from cash available to the Securitization Entity, other than amounts required to be established as reserves pursuant to agreements, amounts paid to investors in respect of interest, principal and other amounts owing to such investors and amounts paid in connection with the purchase of newly generated receivables.

"*Qualified Securitization Transaction*" means any transaction or series of transactions pursuant to which Ball or any of its Restricted Subsidiaries may sell, convey or otherwise transfer to (a) a Securitization Entity, in the case of a transfer by Ball or any of its Restricted Subsidiaries, and (b) any other Person, in case of a transfer by a Securitization Entity, or may grant a security interest in, any receivables, whether now existing or arising or acquired in the future, of Ball or any of its Restricted Subsidiaries, and any assets related thereto including, without limitation, all collateral securing such receivables, all contracts and contract rights and all Guarantees or other obligations in respect of such receivables, proceeds of such receivables and other assets, including contract rights, which are customarily transferred or in respect of which security interests are customarily granted in

connection with asset securitization transactions involving receivables, collectively, "transferred assets"; *provided*, that, in the case of any such transfer by Ball or any of its Restricted Subsidiaries, the transferor receives cash or Purchase Money Notes in an amount which, when aggregated with the cash and Purchase Money Notes received by Ball and its Restricted Subsidiaries upon all other such transfers of transferred assets during the ninety days preceding such transfer, is at least equal to 75% of the aggregate face amount of all receivables so transferred during such day and the ninety preceding days.

"*Restricted Investment*" means an Investment other than a Permitted Investment.

"*Restricted Subsidiary*" of a Person means any Subsidiary of the referent Person that is not an Unrestricted Subsidiary; *provided*, that, on the date of the indenture, all Subsidiaries of Ball other than Ball Asia Pacific, Ball Capital Corp. and the Excluded Subsidiaries shall be Restricted Subsidiaries of Ball.

"*S&P*" means Standard & Poor's Ratings Group.

"*Schmalbach Receivables Facility*" means the existing accounts receivable securitization program of Schmalbach–Lubeca GmbH and its Subsidiaries as amended, restated, modified, renewed, refunded, replaced, increased or refinanced, in whole or in part, from time to time by one or more of Schmalbach–Lubeca GmbH and its existing and future European subsidiaries, the Company's European affiliates that are Restricted Subsidiaries and Ball Capital Corp.; *provided that*, the principal or capital amount outstanding under any such facility shall not exceed €100 million in the aggregate.

"*Securitization Entity*" means a Wholly-Owned Subsidiary of Ball, or another Person in which Ball or any Restricted Subsidiary of Ball makes an Investment and to which Ball or any Restricted Subsidiary of Ball transfers receivables and related assets, that engages in no activities other than in connection with the financing of receivables and that is designated by the Board of the Directors of Ball, as provided below, as a Securitization Entity (a) no portion of the Indebtedness or any other Obligations,

143

contingent or otherwise, of which (1) is guaranteed by Ball or any Restricted Subsidiary of Ball, other than the Securitization Entity, other than pursuant to Standard Securitization Undertakings or Limited Originator Recourse, (2) is recourse to or obligates Ball or any Restricted Subsidiary of Ball, other than the Securitization Entity, in any way other than pursuant to Standard Securitization Undertakings or Limited Originator Recourse or (3) subjects any property or asset of Ball or any Restricted Subsidiary of Ball, other than the Securitization Entity, directly or indirectly, contingently or otherwise, to the satisfaction thereof, other than pursuant to Standard Securitization Undertakings or Limited Originator Recourse, (b) with which neither Ball nor any Restricted Subsidiary of Ball has any material contract, agreement, arrangement or understanding other than on terms no less favorable to Ball or such Restricted Subsidiary than those that might be obtained at the time from Persons that are not Affiliates of Ball, other than fees payable in the ordinary course of business in connection with servicing receivables of such entity and (c) to which neither Ball nor any Restricted Subsidiary of Ball has any obligation to maintain or preserve such entity's financial condition or cause such entity to achieve certain levels of operating results. Any such designation by the Board of Directors of Ball shall be evidenced to the trustee by filing with the trustee a certified copy of the resolution of the Board of Directors of Ball giving effect to such designation and an officers' certificate certifying that such designation complied with the foregoing conditions.

"*Significant Subsidiary*" means any Subsidiary that would be a "significant subsidiary" as defined in Article 1, Rule 1-02 of Regulation S-X, promulgated pursuant to the Securities Act, as such Regulation is in effect on the date hereof.

"*Standard Securitization Undertakings*" means representations, warranties, covenants and indemnities entered into by Ball or any Subsidiary of Ball that are reasonably customary in receivables securitization transactions.

"*Stated Maturity*" means, with respect to any installment of interest or principal on any series of Indebtedness, the date on which the payment of interest or principal was scheduled to be paid in the original documentation governing such Indebtedness, and will not include any contingent obligations to repay, redeem or repurchase any such interest or principal prior to the date originally scheduled for the payment thereof.

"*Subsidiary*" means, with respect to any specified Person:

- (1) any corporation, association or other business entity of which more than 50% of the total voting power of shares of Capital Stock entitled, without regard to the occurrence of any contingency, to vote in the election of directors, managers or trustees thereof is at the time owned or controlled, directly or indirectly, by such Person; and
- (2) any partnership (a) the sole general partner or the managing general partner of which is such Person or an entity described in clause (1) and related to such Person or (b) the only general partners of which are such Person or one or more entities described in clause (1) and related to such Person, or any combination thereof.

"*Total Assets*" means the total assets of Ball and its Restricted Subsidiaries on a consolidated basis determined in accordance with GAAP, as shown on the most recently available consolidated balance sheet of Ball and its Restricted Subsidiaries.

"*Transactions*" has the meaning assigned to the term "transactions" in this prospectus.

"*Unrestricted Subsidiary*" means (a) each of Ball Asia Pacific, Ball Capital Corp., and the Excluded Subsidiaries and (b) any Subsidiary of Ball that is designated by the Board of Directors of Ball as an Unrestricted Subsidiary pursuant to a board resolution, but only to the extent that such Subsidiary:

- (1) has no Indebtedness other than Non-Recourse Debt;

144

-
- (2) is not party to any agreement, contract, arrangement or understanding with Ball or any Restricted Subsidiary of Ball unless the terms of any such agreement, contract, arrangement or understanding are no less favorable to Ball or such Restricted Subsidiary than those that might be obtained at the time from Persons who are not Affiliates of Ball;
 - (3) is a Person with respect to which neither Ball nor any of its Restricted Subsidiaries has any direct or indirect obligation (a) to subscribe for additional Equity Interests or (b) to maintain or preserve such Person's net worth; and
 - (4) has not guaranteed or otherwise directly or indirectly provided credit support for any Indebtedness of Ball or any of its Restricted Subsidiaries; provided, however, that Ball and its Restricted Subsidiaries may guarantee the performance of Unrestricted Subsidiaries in the ordinary course of business except for guarantees of Obligations in respect of borrowed money.

Any designation of a Subsidiary of Ball as an Unrestricted Subsidiary will be evidenced to the trustee by filing with the trustee a certified copy of the board resolution giving effect to such designation and an officers' certificate certifying that such designation complied with the preceding conditions and was permitted by the covenant described above under the caption "—Certain Covenants—Restricted Payments." If, at any time, any Unrestricted Subsidiary would fail to meet the preceding requirements as an Unrestricted Subsidiary, it will thereafter cease to be an Unrestricted Subsidiary for purposes of the indenture and any Indebtedness of such Subsidiary will be deemed to be incurred by a Restricted Subsidiary of Ball as of such date and, if such Indebtedness is not permitted to be incurred as of such date under the covenant described under the caption "—Certain Covenants—Incurrence of Indebtedness and Issuance of Disqualified and Preferred Stock," Ball will be in default of such covenant. The Board of Directors of Ball may at any time designate any Unrestricted Subsidiary to be a Restricted Subsidiary; *provided*, that such designation will be deemed to be an incurrence of Indebtedness by a Restricted Subsidiary of Ball of any outstanding Indebtedness of such Unrestricted Subsidiary and such designation will only be permitted if (1) such Indebtedness is permitted under the covenant described under the caption "—Certain Covenants—Incurrence of Indebtedness and Issuance of Disqualified and Preferred Stock," calculated on a pro forma basis as if such designation had occurred at the beginning of the four-quarter reference period; and (2) no Default or Event of Default would be in existence following such designation.

"*Voting Stock*" of any Person as of any date means the Capital Stock of such Person that is at the time entitled to vote in the election of the Board of Directors of such Person.

"*Weighted Average Life to Maturity*" means, when applied to any Indebtedness at any date, the number of years obtained by dividing:

- (1) the sum of the products obtained by multiplying (a) the amount of each then remaining installment, sinking fund, serial maturity or other required payments of principal, including payment at final maturity, in respect of the Indebtedness, by (b) the number of years, calculated to the nearest one-twelfth, that will elapse between such date and the making of such payment; by
- (2) the then outstanding principal amount of such Indebtedness.

"*Wholly-Owned Subsidiary*" means a Restricted Subsidiary, 100% of the outstanding Capital Stock and other Equity Interests of which are directly or indirectly owned by Ball.

145

MATERIAL U.S. FEDERAL TAX CONSEQUENCES

The following is a general discussion of material U.S. federal income tax considerations of the exchange offer to a holder of old notes that acquired its old notes in their original issuance for cash at the initial offering price. The discussion is based on the Internal Revenue Code of 1986, as amended, Treasury regulations, judicial authorities, published positions of the Internal Revenue Service (IRS) and other applicable authorities, all as in effect on the date hereof and all of which are subject to change or differing interpretations (possibly with retroactive effect). This discussion is limited to persons who hold their notes as capital assets for U.S. federal income tax purposes (generally, assets held for investment). This summary does not address all of the tax consequences that may be relevant to a particular holder or to holders that may be subject to special treatment under U.S. federal income tax laws. No ruling has been or will be sought from the IRS regarding any matter discussed herein. No assurance can be given that the IRS would not assert, or that a court would not sustain, a position contrary to any of the tax aspects set forth below. **Holders of the notes must consult their own tax advisors as to the U.S. federal income tax consequences of the exchange offer, as well as the effects of state, local and non-U.S. tax laws.**

The exchange of new notes for old notes pursuant to the exchange offer will not be treated as a taxable event for U.S. federal income tax purposes. Rather, the new notes received by a holder will be treated as a continuation of the old notes in the hands of such holder. Accordingly, such a holder will have the same tax basis and holding period in the new notes as it had in the old notes immediately prior to the exchange.

146

MATERIAL ERISA CONSIDERATIONS

The following is a summary of material considerations associated with the acquisition and holding of the notes by employee benefit plans that are subject to Title I of ERISA, plans, individual retirement accounts and other arrangements that are subject to Section 4975 of the Internal Revenue Code of 1986, as amended (referred to as the Code), or provisions under any federal, state, local, non-U.S. or other laws or regulations that are similar to such provisions of the Code or ERISA (referred to collectively as similar laws), and entities whose underlying assets are considered to include "plan assets" of such plans, accounts and arrangements (each referred to as a plan).

General Fiduciary Matters

ERISA and the Code impose certain duties on persons who are fiduciaries of a plan subject to Title I of ERISA or Section 4975 of the Code and prohibit certain transactions involving the assets of such plan and its fiduciaries or other interested parties. Under ERISA and the Code, any person who exercises any discretionary authority or control over the administration of such a plan or the management or disposition of the assets of such a plan, or who renders investment advice for a fee or other compensation to such a plan, is generally considered to be a fiduciary of the plan.

In considering an investment in the notes, a plan fiduciary should determine whether the investment is in accordance with the documents and instruments governing the plan and the applicable provisions of ERISA, the Code or any similar law relating to a fiduciary's duties to the plan including, without limitation, the prudence, diversification, delegation of control and prohibited transaction provisions of ERISA, the Code or any other applicable similar laws.

Any insurance company proposing to invest assets of its general account in the notes should consider the extent that each investment would be subject to the requirements of ERISA in light of the U.S. Supreme Court's decision in *John Hancock Mutual Life Insurance Co. v. Harris Trust and Savings Bank* and under any subsequent legislation or other guidance that has or may become available relating to that decision, including the enactment of Section 401(c) of ERISA by the Small Business Job Protection Act of 1996 and the regulations promulgated thereunder.

Prohibited Transaction Issues

Section 406 of ERISA and Section 4975 of the Code prohibit plans subject to Title I of ERISA or Section 4975 of the Code from engaging in specified transactions involving plan assets with persons or entities who are "parties in interest," within the meaning of ERISA, or "disqualified persons," within the meaning of Section 4975 of the Code, unless an exemption is available. A party in interest or disqualified person who engages in a non-exempt prohibited transaction may be subject to excise taxes and other penalties and liabilities under ERISA and the Code. In addition, the fiduciary of the plan that engages in such a non-exempt prohibited transaction may be subject to penalties and liabilities under ERISA and the Code. The acquisition and/or holding of notes by a plan with respect to which the issuer is considered a party in interest or a disqualified person may constitute or result in a direct or indirect prohibited transaction under Section 406 of ERISA and/or Section 4975 of the Code, unless the investment is acquired and is held in accordance with an applicable statutory, class or individual prohibited transaction exemption. In this regard, the U.S. Department of Labor has issued prohibited transaction class exemptions, or PTCEs, that may apply to the acquisition and holding of the notes. These class exemptions include, without limitation, PTCE 84-14 respecting transactions determined by

independent qualified professional asset managers, PTCE 90-1 respecting insurance company pooled separate accounts, PTCE 91-38 respecting bank collective investment trust partnerships, PTCE 95-60 respecting life insurance company general accounts and PTCE 96-23 respecting transactions determined by in-house asset managers, although there can be no assurance that all of the conditions of any such exemptions will be satisfied.

Because of the foregoing, the notes should not be acquired or held by any person investing "plan assets" of any plan, unless such acquisition and holding will not constitute a non-exempt prohibited transaction under ERISA and the Code or similar violation of any applicable similar laws.

Representations

Accordingly, by acquiring a note, each acquiring person and each subsequent transferee of a note will be deemed to have represented and warranted that either (i) no portion of the assets used by such acquiring person or transferee to acquire the notes constitutes assets of any plan or (ii) the acquisition and holding of the notes by such acquiror or transferee will not constitute a non-exempt prohibited transaction under Section 406 of ERISA or Section 4975 of the Code or similar violation under any applicable similar laws.

The foregoing discussion is general in nature and is not intended to be all-inclusive. Due to the complexity of these rules and the penalties that may be imposed upon persons involved in non-exempt prohibited transactions, it is particularly important that fiduciaries, or other persons acquiring notes on behalf of, or with the assets of, any plan, consult with their counsel regarding the potential applicability of ERISA, Section 4975 of the Code and any similar laws to the acquisition or holding of the notes and whether an exemption would be applicable to such acquisition or holding.

PLAN OF DISTRIBUTION AND SELLING RESTRICTIONS

The exchange offer is not being made to, nor will we accept surrenders of old notes for exchange from, holders of old notes in any jurisdiction in which the exchange offer or the acceptance thereof would not be in compliance with the securities or blue sky laws of such jurisdiction.

This communication is directed solely at persons who (i) are outside the United Kingdom, (ii) have professional experience in matters relating to investments, or (iii) are persons falling within Article 49(2)(a) to (d) of The Financial Services and Markets Act 2000 (Financial Promotion) Order 2001 (all such persons together are referred to as relevant persons). This communication must not be acted on or relied on by persons who are not relevant persons. Any investment or investment activity to which this communication relates is available only to relevant persons and will be engaged in only with relevant persons.

The distribution of this prospectus and the offer and sale of the new notes may be restricted by law in certain jurisdictions. Persons who come into possession of this prospectus or any of the new notes must inform themselves about and observe any such restrictions. You must comply with all applicable laws and regulations in force in any jurisdiction in which you purchase, offer or sell the new notes or possess or distribute this prospectus and, in connection with any purchase, offer or sale by you of the new notes, must obtain any consent, approval or permission required under the laws and regulations in force in any jurisdiction to which you are subject or in which you make such purchase, offer or sale.

In reliance on interpretations of the staff of the SEC set forth in no-action letters issued to third parties in similar transactions, we believe that the new notes issued in the exchange offer in exchange for the old notes may be offered for resale, resold and otherwise transferred by holders without compliance with the registration and prospectus delivery provisions of the Securities Act, provided that the new notes are acquired in the ordinary course of such holders' business and the holders are not engaged in and do not intend to engage in and have no arrangement or understanding with any person to participate in a distribution (within the meaning of the Securities Act) of new notes. This position does not apply to any holder that is

- an "affiliate" of Ball (as defined under the Securities Act); or
- a broker-dealer.

All broker-dealers receiving new notes in the exchange offer are subject to a prospectus delivery requirement with respect to resales of the new notes. Each broker-dealer receiving new notes for its own account in the exchange offer must represent that the old notes to be exchanged for the new notes were acquired by it as a result of market-making activities or other trading activities and acknowledge that it will deliver a prospectus meeting the requirements of the Securities Act in connection with any offer to resell, resale or other retransfer of the new notes. Any such broker-dealer is referred to as a participating broker-dealer. However, by so acknowledging and by delivering a prospectus, the participating broker-dealer will not be deemed to admit that it is an "underwriter" (as defined under the Securities Act). If a broker-dealer acquired old notes as a result of market-making or other trading activities, it may use this prospectus, as amended or supplemented, in connection with offers to resell, resales or retransfers of new notes received in exchange for the old notes pursuant to the exchange offer. We have agreed that, for a period of 180 days after the consummation of the exchange offer, subject to extension under limited circumstances, we will use all commercially reasonable efforts to keep the exchange offer registration statement effective and make this prospectus available to any broker-dealer for use in connection with such resales. To date, the SEC has taken the position that broker-dealers may use a prospectus such as this one to fulfill their prospectus delivery requirements with respect to resales of new notes received in an exchange such as the exchange pursuant to the

exchange offer, if the old notes for which the new notes were received in the exchange were acquired for their own accounts as a result of market-making or other trading activities.

A broker-dealer intending to use this prospectus in the resale of new notes must so notify us on or prior to the expiration date. This notice may be given in the space provided in the letter of transmittal or may be delivered to the exchange agent.

We may, in certain cases, issue a notice suspending use of the registration statement of which this prospectus forms a part. If we do so, the period during which the registration statement must remain effective will be extended for a number of days equal to the number of days the registration statement was in suspense.

We will not receive any proceeds from any sale of the new notes by broker-dealers. Broker-dealers acquiring new notes for their own accounts may sell the notes in one or more transactions in the over-the-counter market, in negotiated transactions, through writing options on the new notes or a combination of such methods of resale, at market prices prevailing at the time of resale, at prices related to such prevailing market prices or at negotiated prices. Any such resale may be made directly to purchasers or to or through brokers or dealers who may receive compensation in the form of commissions or concessions from any such broker-dealer and/or the purchasers of such new notes.

Any broker-dealer that held old notes acquired for its own account as a result of market-making activities or other trading activities, that received new notes in the exchange offer, and that participates in a distribution of new notes may be deemed to be an "underwriter" within the meaning of the Securities Act and must deliver a prospectus meeting the requirements of the Securities Act in connection with any resale of the new notes. Any profit on these resales of new notes and any commissions or concessions received by a broker-dealer in connection with these resales may be deemed to be underwriting compensation under the Securities Act. The letter of transmittal states that by acknowledging that it will deliver and by delivering a prospectus, a broker-dealer will not admit that it is an "underwriter" within the meaning of the Securities Act.

We have agreed to pay all expenses incident to our participation in the exchange offer, including the reasonable fees and expenses (not to exceed \$25,000 without our prior written consent) of not more than one counsel for the holders of old notes and the initial purchasers, other than underwriting discounts and commissions and transfer taxes if any, of holders and will indemnify holders of the old notes, including any broker-dealers, against specified types of liabilities, including liabilities under the Securities Act.

LEGAL MATTERS

Certain legal matters as to the validity of the new notes are being passed upon for us by Donald C. Lewis, Vice President, General Counsel and Assistant Corporate Secretary of Ball Corporation, and Skadden, Arps, Slate, Meagher & Flom (Illinois), Chicago, Illinois. Donald C. Lewis owns shares of Ball Corporation's common stock. See "—Voting Securities and Principal Shareholders."

EXPERTS

The consolidated financial statements of Ball as of December 31, 2001 and 2000 and for each of the three years in the period ended December 31, 2001, included in this prospectus have been so included in reliance on the report of PricewaterhouseCoopers LLP, independent accountants, given on the authority of said firm as experts in auditing and accounting.

The combined financial statements of Schmalbach–Lubeca Beverage Cans as of December 31, 2001 and 2000 and for the 12 months ended December 31, 2001, the four months ended December 31, 2000, the eight months ended August 31, 2000 and the 12 months ended December 31, 1999, included in this

150

prospectus have been so included in reliance on the report of PwC Deutsche Revision Aktiengesellschaft Wirtschaftsprüfungsgesellschaft, Düsseldorf, independent accountants, given on the authority of said firm as experts in auditing and accounting.

INCORPORATION OF CERTAIN INFORMATION BY REFERENCE

The following documents filed by Ball Corporation with the SEC under the Exchange Act are incorporated by reference in this prospectus to the extent they have been filed with the SEC:

- Ball's Annual Report on Form 10-K for the year ended December 31, 2001;
- Ball's Quarterly Reports on Form 10-Q for the quarters ended September 29, 2002, June 30, 2002 and March 31, 2002;
- Ball's Proxy Statement on Schedule 14A filed with the SEC on March 14, 2002; and
- Ball's Current Reports on Form 8-K filed with the SEC on December 31, 2002 (as amended by Form 8-K/A filed with the SEC on January 28, 2003), November 27, 2002, November 20, 2002, November 14, 2002, August 30, 2002, August 15, 2002, August 12, 2002 and January 25, 2002.

To the extent they are filed with the SEC, documents we file with the SEC pursuant to Section 13(a), 13(c), 14 or 15(d) of the Exchange Act subsequent to the date of this prospectus and prior to the termination of the offering shall also be deemed to be incorporated by reference into this prospectus and to be a part hereof from the date of filing of such documents. Any statement herein or in a document incorporated or deemed to be incorporated herein by reference shall be deemed to be modified or superseded for purposes of this prospectus to the extent that a statement contained in any subsequently filed document which also is incorporated or deemed to be incorporated by reference herein modifies or supersedes such statement. Any such statement so modified or superseded shall not be deemed, except as so modified or superseded, to constitute a part of this prospectus.

We will provide, without charge, to each person to whom a copy of this prospectus is delivered, upon request of such person, a copy of any documents incorporated into this prospectus by reference other than exhibits thereto unless such exhibits are specifically incorporated by reference in the document that this prospectus incorporates. Requests for such copies should be directed to us at Ball Corporate Headquarters, 10 Longs Peak Drive, Broomfield, Colorado 80021-2510, Attention: Scott C. Morrison, Vice President and Treasurer, telephone number: (303) 469-3131.

WHERE YOU CAN FIND MORE INFORMATION

We are subject to the reporting and other information requirements of the Exchange Act. We file reports and other information with the SEC. Such reports and other information filed by us pursuant to the Exchange Act may be inspected and copied at the public reference facility maintained by the SEC at 450 Fifth Street, N.W., Washington, D.C. 20549. Please call 1-800-SEC-0330 for further information on the public reference room. The SEC maintains a site on the World Wide Web containing reports, proxy materials, information statements and other items. The address is <http://www.sec.gov>. Our reports, proxy statements and other information can also be inspected and copied at the offices of the New York Stock Exchange, on which our common stock is listed (symbol: BLL).

Schmalbach–Lubeca GmbH is subject to reporting and other information requirements under German corporate law. Schmalbach–Lubeca GmbH files reports and other information with the German Commercial Register at the District Court Ratingen. Other publications are made through the Federal Gazette. Printed versions of certain reports, information statements and other items filed pursuant to the above mentioned laws and regulations may be received through the Federal Gazette, Bundesanzeiger Verlagsgesellschaft mbH, Amsterdamer Strasse 192, 50735 Cologne, Germany, phone: +49(0)221/97668-0 (online information available through <http://www.gbi.de/bundesanzeiger.html>; information is not free of charge). Relevant reports and other items may also be inspected and copied at the Commercial Register at the District Court Ratingen, Düsseldorf Strasse 54, 40878 Ratingen, Germany, phone: +49(0)2102/1009-0.

151

INDEX TO FINANCIAL STATEMENTS

Consolidated Financial Statements of Ball Corporation and Subsidiaries

[Report of Independent Accountants](#)

Consolidated Financial Statements as of December 31, 2001 and 2000 and for the three years in the period ended December 31, 2001:

[Consolidated Statements of Earnings](#)

[Consolidated Balance Sheets](#)

[Consolidated Statements of Cash Flows](#)

[Consolidated Statements of Shareholders' Equity and Comprehensive Earnings](#)

[Notes to Consolidated Financial Statements](#)

Unaudited Condensed Consolidated Financial Statements as of September 29, 2002 and December 31, 2001, for the nine months ended September 29, 2002 and September 30, 2001 and, with respect to the Unaudited Condensed Consolidated Statements of Earnings, for the three months ended September 29, 2002 and September 30, 2001:

[Unaudited Condensed Consolidated Statements of Earnings](#)

[Unaudited Condensed Consolidated Balance Sheets](#)

[Unaudited Condensed Consolidated Statements of Cash Flows](#)

[Notes to Unaudited Condensed Consolidated Financial Statements](#)

Combined Financial Statements of Schmalbach–Lubeca Beverage Cans

[Report of Independent Accountants](#)

Combined Financial Statements as of December 31, 2001 and 2000 and for the 12 months ended December 31, 2001, for the four months ended December 31, 2000, for the eight months ended August 31, 2000 and for the 12 months ended December 31, 1999:

[Combined Statements of Income](#)

[Combined Balance Sheet](#)

[Development of Divisional Equity](#)

[Combined Statements of Cash Flows](#)

[Notes to the Combined Financial Statements](#)

Unaudited Combined Financial Statements for the nine months ended September 30, 2002 and September 30, 2001:

[Unaudited Combined Statements of Income](#)

[Unaudited Combined Balance Sheet](#)

[Unaudited Development of Divisional Equity](#)

[Unaudited Condensed Combined Statements of Cash Flows](#)

[Notes to the Unaudited Combined Financial Statements](#)

F-1

Report of Independent Accountants

To the Board of Directors and Shareholders
Ball Corporation

In our opinion, the accompanying consolidated balance sheets and the related consolidated statements of earnings, of cash flows and of shareholders' equity and comprehensive earnings present fairly, in all material respects, the financial position of Ball Corporation and its subsidiaries at December 31, 2001, and 2000, and the results of their operations and their cash flows for each of the three years in the period ended December 31, 2001, in conformity with accounting principles generally accepted in the United States of America. These financial statements are the responsibility of the company's management; our responsibility is to express an opinion on these financial statements based on our audits. We conducted our audits of these statements in accordance with auditing standards generally accepted in the United States of America which require that we plan and perform the audits to obtain reasonable assurance about whether the financial statements are free of material misstatement. An audit includes examining, on a test basis, evidence supporting the amounts and disclosures in the financial statements, assessing the accounting principles used and significant estimates made by management, and evaluating the overall financial statement presentation. We believe that our audits provide a reasonable basis for our opinion.

PricewaterhouseCoopers LLP

Denver, Colorado

January 22, 2002, except for Note 14 as to which the date is February 22, 2002

F-2

Consolidated Statements of Earnings

Ball Corporation and Subsidiaries

	Years ended December 31,		
	2001	2000	1999
<i>(\$ in millions, except per share amounts)</i>			
Net sales	\$ 3,686.1	\$ 3,664.7	\$ 3,707.2
Costs and expenses			

Cost of sales (excluding depreciation and amortization)	3,142.2	3,067.1	3,111.0
Depreciation and amortization (Notes 7 and 8)	152.5	159.1	162.9
Business consolidation costs and other (Note 3)	271.2	76.4	—
Selling and administrative	135.6	138.9	140.9
Receivable securitization fees and product development (Note 5)	10.0	14.1	13.6
	<u>3,711.5</u>	<u>3,455.6</u>	<u>3,428.4</u>
Earnings (loss) before interest and taxes	(25.4)	209.1	278.8
Interest expense (Note 9)	88.3	95.2	107.6
Earnings (loss) before taxes	(113.7)	113.9	171.2
Tax provision (Note 11)	9.7	(42.8)	(64.9)
Minority interests	0.8	1.0	(1.9)
Equity in results of affiliates	4.0	(3.9)	(0.2)
Net earnings (loss)	(99.2)	68.2	104.2
Preferred dividends, net of tax	(2.0)	(2.6)	(2.7)
Earnings (loss) attributable to common shareholders	\$ (101.2)	\$ 65.6	\$ 101.5
Basic earnings (loss) per share (Note 15) (a)	\$ (1.85)	\$ 1.13	\$ 1.68
Diluted earnings (loss) per share (Note 15) (a)	\$ (1.85)	\$ 1.07	\$ 1.58

(a) Per share amounts have been retroactively restated for the two-for-one stock split discussed in Note 14.

The accompanying notes are an integral part of the consolidated financial statements.

F-3

Consolidated Balance Sheets

Ball Corporation and Subsidiaries

(\$ in millions)	December 31,	
	2001	2000
Assets		
Current assets		
Cash and cash equivalents	\$ 83.1	\$ 25.6
Receivables, net (Note 5)	172.0	230.2
Inventories, net (Note 6)	449.3	627.5
Deferred taxes and prepaid expenses (Note 11)	89.1	86.0
Total current assets	<u>793.5</u>	<u>969.3</u>
Property, plant and equipment, net (Note 7)	904.4	1,003.7
Goodwill and other assets (Notes 3 and 8)	615.7	676.8
Total Assets	\$ 2,313.6	\$ 2,649.8
Liabilities and Shareholders' Equity		
Current liabilities		
Short-term debt and current portion of long-term debt (Note 9)	\$ 115.0	\$ 125.7
Accounts payable	258.5	332.1
Accrued employee costs and other current liabilities	201.2	201.3
Total current liabilities	<u>574.7</u>	<u>659.1</u>

Long-term debt (Note 9)	949.1	1,011.6
Employee benefit obligations, deferred taxes and other liabilities (Notes 11 and 12)	276.0	281.8
Total liabilities	1,799.8	1,952.5
Contingencies (Note 19)		
Minority interests	9.7	14.9
Shareholders' Equity (Note 13)		
Series B ESOP Convertible Preferred Stock	–	53.4
Unearned compensation – ESOP	–	(10.6)
Preferred shareholder's equity	–	42.8
Common stock (75,707,774 shares issued – 2001; 73,546,762 shares issued – 2000) (a)	478.9	443.9
Retained earnings	410.0	529.3
Accumulated other comprehensive loss	(43.7)	(29.7)
Treasury stock, at cost (17,890,596 shares – 2001; 17,448,760 shares – 2000) (a)	(341.1)	(303.9)
Common shareholders' equity	504.1	639.6
Total shareholders' equity	504.1	682.4
Total Liabilities and Shareholders' Equity	\$ 2,313.6	\$ 2,649.8

(a) Share amounts have been retroactively restated for the two-for-one stock split discussed in Note 14.

The accompanying notes are an integral part of the consolidated financial statements.

F-4

Consolidated Statements of Cash Flows

Ball Corporation and Subsidiaries

(\$ in millions)	Years ended December 31,		
	2001	2000	1999
Cash Flows from Operating Activities			
Net earnings	\$ (99.2)	\$ 68.2	\$ 104.2
Noncash charges to net earnings:			
Depreciation and amortization	152.5	159.1	162.9
Business consolidation costs net of related equity and minority interest effects	268.7	81.3	–
Deferred taxes	2.5	9.8	34.3
Other, net	(46.6)	(11.8)	6.1
Working capital changes, excluding effects of acquisitions and dispositions:			
Receivables	33.9	(9.8)	53.5
Inventories	155.8	(73.8)	(49.1)
Accounts payable	(71.8)	(12.5)	(5.1)
Accrued salaries and wages	(37.9)	15.1	19.3
Other, net	(37.1)	(49.1)	(20.1)
Net cash provided by operating activities	320.8	176.5	306.0
Cash Flows from Investing Activities			
Additions to property, plant and equipment	(68.5)	(98.7)	(107.0)
Acquisitions of previously leased assets and a PET manufacturing business	(77.9)	–	–
Incentive loan receipts and other, net	23.5	46.2	14.3
Net cash used in investing activities	(122.9)	(52.5)	(92.7)
Cash Flows from Financing Activities			
Long-term borrowings	–	–	23.1
Repayments of long-term borrowings	(52.0)	(50.9)	(161.0)
Change in short-term borrowings	(10.3)	2.9	(13.2)
Common and preferred dividends	(20.4)	(21.6)	(22.5)
Proceeds from issuance of common stock under various employee and shareholder plans	32.1	30.7	36.8
Acquisitions of treasury stock	(85.9)	(91.6)	(72.3)
Other, net	(3.9)	(3.7)	(2.4)
Net cash provided by (used in) financing activities	(140.4)	(134.2)	(211.5)

Net Change in Cash and Temporary Investments	57.5	(10.2)	1.8
Cash and temporary investments – Beginning of Year	25.6	35.8	34.0
Cash and Temporary Investments – End of Year	\$ 83.1	\$ 25.6	\$ 35.8

The accompanying notes are an integral part of the consolidated financial statements.

F-5

Consolidated Statements of Shareholders' Equity and Comprehensive Earnings
Ball Corporation and Subsidiaries

	Number of Shares (in thousands)			Years ended December 31, (\$ in millions)		
	2001	2000	1999	2001	2000	1999
Series B ESOP Convertible Preferred Stock						
Balance, beginning of year	1,454	1,530	1,587	\$ 53.4	\$ 56.2	\$ 57.2
Shares converted or retired	(1,454)	(76)	(57)	(53.4)	(2.8)	(1.0)
Balance, end of year	–	1,454	1,530	\$ –	\$ 53.4	\$ 56.2
Unearned Compensation – ESOP						
Balance, beginning of year				\$ (10.6)	\$ (20.5)	\$ (29.5)
Amortization				10.6	9.9	9.0
Balance, end of year				\$ –	\$ (10.6)	\$ (20.5)
Common Stock (a)						
Balance, beginning of year	73,546	71,700	69,720	\$ 443.9	\$ 413.0	\$ 368.4
Shares issued for stock options and other employee and shareholder stock plans less shares exchanged, and other	2,162	1,846	1,980	35.0	30.9	44.6
Balance, end of year	75,708	73,546	71,700	\$ 478.9	\$ 443.9	\$ 413.0
Retained Earnings						
Balance, beginning of year				\$ 529.3	\$ 481.2	\$ 397.9
Net earnings (loss)				(99.2)	68.2	104.2
Common dividends				(16.5)	(17.5)	(18.2)
Preferred dividends, net of tax				(2.0)	(2.6)	(2.7)
ESOP/treasury stock conversion				(1.6)	–	–
Balance, end of year				\$ 410.0	\$ 529.3	\$ 481.2
Treasury Stock (a)						
Balance, beginning of year	(17,448)	(12,066)	(8,810)	\$ (303.9)	\$ (212.3)	\$ (140.0)
Shares reacquired	(3,566)	(5,382)	(3,256)	(85.9)	(91.6)	(72.3)
ESOP/treasury stock conversion	3,124	–	–	48.7	–	–
Balance, end of year	(17,890)	(17,448)	(12,066)	\$ (341.1)	\$ (303.9)	\$ (212.3)

(a) Share amounts have been retroactively restated for the two-for-one stock split discussed in Note 14.

F-6

(\$ in millions)	Years ended December 31,					
	2001		2000		1999	
	Comprehensive Earnings	Accumulated Other Comprehensive Loss	Comprehensive Earnings	Accumulated Other Comprehensive Loss	Comprehensive Earnings	Accumulated Other Comprehensive Loss
Comprehensive Earnings (Loss)						
Balance, beginning of year	\$	(29.7)	\$	(26.7)	\$	(31.7)
Net earnings (loss)	\$ (99.2)		\$ 68.2		\$ 104.2	

Foreign currency translation adjustment	(2.1)		(3.2)		4.0
Minimum pension liability adjustment, net of tax	(3.8)		0.2		1.0
Effective financial derivatives (Note 16)	(8.1)		—		—
Other comprehensive earnings (loss)	(14.0)	(14.0)	(3.0)	(3.0)	5.0
Comprehensive earnings (loss)	\$ (113.2)	\$	65.2	\$	109.2
Balance, end of year	\$	(43.7)	\$	(29.7)	\$ (26.7)

The accompanying notes are an integral part of the consolidated financial statements.

F-7

Notes to Consolidated Financial Statements

Ball Corporation and Subsidiaries

1. Significant Accounting Policies

Principles of Consolidation and Basis of Presentation

The consolidated financial statements include the accounts of Ball Corporation and its controlled affiliates (collectively, Ball, the company, we or our). Investments in 20 percent through 50 percent-owned affiliates are accounted for by the equity method where Ball does not control, but exercises significant influence over, operating and financial affairs. Otherwise, investments are included at cost. Differences between the carrying amounts of equity investments and the company's interest in underlying net assets are amortized over periods benefited. Significant intercompany transactions are eliminated. The results of subsidiaries and equity affiliates in Asia are reflected in the consolidated financial statements on a one-month lag.

Subsequent Event

On January 23, 2002, the company declared a two-for-one stock split of its common stock. See Note 14 for additional information.

Reclassifications

Certain prior year amounts have been reclassified in order to conform with the current year presentation.

Use of Estimates

Generally accepted accounting principles require management to make estimates and assumptions that affect the reported amounts of assets and liabilities, disclosure of contingencies and reported amounts of revenues and expenses. These estimates are based on historical experience and various other assumptions believed to be reasonable under the circumstances. Actual results could differ from these estimates under different assumptions or conditions.

Foreign Currency Translation

Assets and liabilities of foreign operations, where the local currency is the functional currency, are translated using period-end exchange rates, and revenues and expenses are translated using average exchange rates during each period. Translation gains and losses are reported in accumulated other comprehensive loss as a component of common shareholders' equity.

Revenue Recognition

Sales of products in the packaging segment are recognized upon the transfer of title. In the case of long-term contracts within the aerospace and technologies segment, sales are recognized under the cost-to-cost, percentage-of-completion method. Certain U.S. government contracts contain profit incentives based upon technical and cost performance relative to predetermined targets. Profit incentives are recorded when there is sufficient information to assess anticipated contract performance. Provision for estimated contract losses, if any, is made in the period that such losses are determined.

Temporary Investments

Temporary investments are considered cash equivalents if original maturities are three months or less.

F-8

Derivative Financial Instruments

The company uses derivative financial instruments for the purpose of hedging exposures to fluctuations in interest rates, foreign currency exchange rates, raw materials purchasing and the common share repurchase program. As required under the guidelines of Statement of Financial Accounting Standards (SFAS) No. 133, all of the company's derivative instruments are recorded in the consolidated balance sheet at fair value. For a derivative designated as a fair value hedge of a recognized asset or liability, the gain or loss is recognized in earnings in the period of change together with the offsetting loss or gain on the hedged item attributable to the risk being hedged. For a derivative designated as a cash flow hedge, the effective portion of the derivative's gain or loss is initially reported as a component of accumulated other comprehensive loss and subsequently reclassified into earnings when the forecasted transaction affects earnings. The ineffective portion of the gain or loss associated with a cash flow hedge is reported in earnings immediately.

Inventories

Inventories are stated at the lower of cost or market. The cost of the aluminum component of U.S. metal beverage container inventories and substantially all inventories within the U.S. metal food container business is determined using the last-in, first-out (LIFO) method of accounting. The cost of remaining inventories is determined using the first-in, first-out (FIFO) method.

Depreciation and Amortization

Depreciation is provided using the straight-line method in amounts sufficient to amortize the cost of the properties over their estimated useful lives (buildings and improvements – 15 to 40 years; machinery and equipment – 5 to 15 years). Through the end of 2001, goodwill was amortized using the straight-line method over 40 years. However, in accordance with SFAS No. 142 (discussed further in the "New Accounting Pronouncements" section) beginning on January 1, 2002, goodwill will no longer be amortized. The company evaluates long-lived assets, including goodwill and other intangibles, when events suggest that they may be impaired or may not be fully recoverable or the depreciation or amortization period should be reconsidered. Beginning in 2002, impairment will be evaluated in accordance with the guidelines to be considered under SFAS No. 142.

Taxes on Income

Deferred income taxes reflect the future tax consequences of differences between the tax bases of assets and liabilities and their financial reporting amounts at each balance sheet date, based upon enacted income tax laws and tax rates. Income tax expense or benefit is provided based on earnings reported in the financial statements. The provision for income tax expense or benefit differs from the amounts of income taxes currently payable because certain items of income and expense included in the consolidated financial statements are recognized in different time periods by taxing authorities. Deferred tax assets and operating loss and tax credit carryforwards are reduced by a valuation allowance when, in the opinion of management, it is more likely than not that any portion of these tax attributes will not be realized.

Employee Stock Ownership Plan

On December 14, 2001, Ball's Employee Stock Ownership Plan (ESOP) trust paid the remaining balance of the ESOP loan. At that time, the company discontinued matching the ESOP participants' contributions to the 401(k). All of the preferred shares were converted into the company's common shares and distributed to the participants. Prior to that date, the cost of the ESOP was recorded using the shares allocated transitional method under which the annual pretax cost of the ESOP, including preferred dividends, approximated program funding. Compensation and interest components of ESOP

F-9

cost were included in net earnings and preferred dividends, net of related tax benefits, were shown as a reduction from net earnings.

Earnings Per Share

Basic earnings per share are computed by dividing the net earnings attributable to common shareholders by the weighted average number of common shares outstanding for the period. Shares converted under the ESOP plan are included after December 14, 2001. Diluted earnings per share reflect the potential dilution that could occur if outstanding dilutive stock options were exercised, and prior to final repayment of the ESOP loan by the trust, also included the assumed conversion of the Series B ESOP Convertible Preferred Stock into additional outstanding common shares as well as the related earnings adjustment.

New Accounting Pronouncements

In August 2001 the Financial Accounting Standards Board (FASB) issued SFAS No. 144, "Accounting for the Impairment or Disposal of Long-Lived Assets," which supersedes SFAS No. 121, "Accounting for the Impairment of Long-Lived Assets and for Long-Lived Assets to Be Disposed Of." This statement is effective for Ball beginning January 1, 2002. The company believes there will be no impact upon adoption of this standard.

The FASB recently issued SFAS No. 141, "Business Combinations," and SFAS No. 142, "Goodwill and Other Intangible Assets." SFAS No. 141 requires that the purchase method be used for business combinations. Its provisions became effective for acquisitions after June 30, 2001. SFAS No. 142 establishes accounting guidelines for intangible assets acquired outside of a business combination. It also addresses how goodwill and other intangible assets are to be accounted for after initial recognition in the financial statements. In general goodwill and certain intangible assets will no longer be amortized but will be tested periodically for impairment. Resulting write-downs, if any, will be recognized in the statement of earnings. This statement became effective for Ball beginning January 1, 2002. We have evaluated the impact on the company's results from adopting SFAS No. 142 and have included a summary of the results in Note 8. At this time, we do not anticipate impairment charges upon its adoption and 2000 net earnings are expected to improve by \$8 million with the cessation of amortization.

SFAS No. 133, "Accounting for Derivative Instruments and Hedging Activities," and SFAS No. 138, an amendment of SFAS 133, essentially require all derivatives to be recorded on the balance sheet at fair value and establish new accounting practices for hedge instruments. The adoption of these statements, which became effective for Ball on January 1, 2001, has not had a significant impact on the company's earnings or financial condition.

Financial Accounting Standards Board Interpretation No. 44, "Accounting for Certain Transactions Involving Stock Compensation – an Interpretation of Accounting Principles Board Opinion No. 25," clarifies certain issues related to the accounting for stock compensation and was effective for Ball as of the beginning of the third quarter of 2000. This interpretation did not have an effect on our reported results in 2001 or 2000.

Staff Accounting Bulletin (SAB) No. 101, which was issued by the U.S. Securities and Exchange Commission, provides guidance on the recognition, presentation and disclosure of revenue in the financial statements and became effective for Ball in the fourth quarter of 2000. The adoption of this guidance had an insignificant effect on our results in 2001 and 2000.

The Emerging Issues Task Force (EITF) reached a consensus in September on a portion of Issue No. 00-10, "Accounting for Shipping and Handling Fees and Costs," which requires companies to report shipping and handling fees and costs as a component of cost of sales. The effect of this guidance

F-10

resulted in offsetting increases in net sales and cost of sales in the consolidated statement of earnings and accompanying notes. Reclassifications of \$126.9 million and \$123 million for 2000 and 1999, respectively, were reflected in those periods for comparative purposes.

2. Business Segment Information

Ball's operations are organized along its product lines and include two segments – the packaging segment and the aerospace and technologies segment. The accounting policies of the segments are the same as those described in the summary of significant accounting policies. See Notes 3 and 4 for information regarding transactions affecting segment results.

Packaging

The packaging segment includes the manufacture and sale of metal and PET (polyethylene terephthalate) plastic containers, primarily for use in beverage and food packaging. Our consolidated packaging operations are located in and serve North America (the U.S. and Canada) and Asia, primarily the People's Republic of China (PRC). We also have investments in packaging companies in the PRC, Brazil and Thailand, which are accounted for under the equity method, and, accordingly, those results are not included in segment earnings or assets.

Aerospace and Technologies

The aerospace and technologies segment includes defense systems, civil space systems and commercial space operations.

Major Customers

Packaging segment sales to Miller Brewing Company represented approximately 16 percent of net sales in 2001 and 15 percent in both 2000 and 1999. Sales to PepsiCo, Inc., and affiliates represented approximately 13 percent, 14 percent and 13 percent of consolidated net sales in 2001, 2000 and 1999, respectively. Sales to the Coca-Cola Company and affiliates represented 7 percent of consolidated net sales in 2001 and 11 percent in 2000 and 1999. Sales to all bottlers of Pepsi-Cola and Coca-Cola branded beverages comprised approximately 31 percent of consolidated net sales in 2001 and 35 percent of consolidated net sales in 2000 and 1999. Sales to various U.S. government agencies by the aerospace and technologies segment, either as a prime contractor or as a subcontractor, represented approximately 10 percent of consolidated net sales in 2001 and 9 percent of consolidated net sales in 2000 and 1999.

F-11

Financial data segmented by geographic area is provided below.

Summary of Net Sales by Geographic Area

<i>(\$ in millions)</i>	U.S.	Other (a)	Consolidated
2001	\$ 3,264.3	\$ 421.8	\$ 3,686.1
2000	3,195.9	468.8	3,664.7
1999	3,237.1	470.1	3,707.2

Summary of Long-Lived Assets (b) by Geographic Area

<i>(\$ in millions)</i>	U.S.	PRC	Other (c)	Consolidated
2001	\$ 1,351.9	\$ 123.0	\$ 45.2	\$ 1,520.1
2000	1,565.5	301.8	(186.8)	1,680.5
1999	1,701.6	352.0	(217.3)	1,836.3

(a) Includes the company's net sales in the PRC and Canada, neither of which are significant, intercompany eliminations and other.

(b) Long-lived assets primarily consist of property, plant and equipment, goodwill and other intangible assets.

(c) Includes the company's long-lived assets in Canada, which are not significant, intercompany eliminations and other.

F-12

Summary of Business by Segment

<i>(\$ in millions)</i>	2001	2000	1999
Net Sales			
North American metal beverage	\$ 2,178.6	\$ 2,245.5	\$ 2,326.4
North American metal food	625.3	576.4	524.1
North American plastic containers	292.7	265.7	255.4
International (Note 3)	170.6	214.1	218.3
Total packaging	3,267.2	3,301.7	3,324.2
Aerospace and technologies	418.9	363.0	383.0
Consolidated net sales	\$ 3,686.1	\$ 3,664.7	\$ 3,707.2
Consolidated Earnings			
Packaging	\$ 241.3	\$ 278.4	\$ 276.7
Business consolidation costs and other (Note 3)	(257.4)	(83.4)	–
Total packaging	(16.1)	195.0	276.7
Aerospace and technologies	31.5	29.0	24.9
Business consolidation costs in 2001 and ESOP settlement in 2000 (Note 3)	(13.8)	7.0	–

Total aerospace and technologies	17.7	36.0	24.9
Segment earnings before interest and taxes	1.6	231.0	301.6
Corporate undistributed expenses	(27.0)	(21.9)	(22.8)
Earnings (loss) before interest and taxes	(25.4)	209.1	278.8
Interest expense	(88.3)	(95.2)	(107.6)
Provision for taxes	9.7	(42.8)	(64.9)
Minority interests	0.8	1.0	(1.9)
Equity in net results of affiliates	4.0	(3.9)	(0.2)
Consolidated earnings (loss)	\$ (99.2)	\$ 68.2	\$ 104.2
Depreciation and Amortization			
Packaging	\$ 138.1	\$ 143.9	\$ 146.4
Aerospace and technologies	12.4	13.0	13.5
Segment depreciation and amortization	150.5	156.9	159.9
Corporate	2.0	2.2	3.0
Consolidated depreciation and amortization	\$ 152.5	\$ 159.1	\$ 162.9
Net Investment			
Packaging	\$ 1,504.4	\$ 1,410.9	\$ 1,319.7
Aerospace and technologies	190.5	181.8	161.6
Segment net investment	1,694.9	1,592.7	1,481.3
Corporate net investment and eliminations	(1,190.8)	(910.3)	(790.4)
Consolidated net investment	\$ 504.1	\$ 682.4	\$ 690.9
Investments in Equity Affiliates			
Packaging	\$ 53.7	\$ 65.6	\$ 79.0
Aerospace and technologies	15.1	15.6	2.3
Consolidated investments in equity affiliates	\$ 68.8	\$ 81.2	\$ 81.3
Property, Plant and Equipment Additions			
Packaging	\$ 53.5	\$ 85.9	\$ 95.8
Aerospace and technologies	11.8	12.0	10.1
Segment property, plant and equipment additions	65.3	97.9	105.9
Corporate	3.2	0.8	1.1
Consolidated property, plant and equipment additions	\$ 68.5	\$ 98.7	\$ 107.0

F-13

3. Business Consolidation Costs and Other

In June 2001 Ball announced the reorganization of its PRC packaging business. As a part of the reorganization plan, we have exited the general line metal can business and have closed one PRC beverage can plant. We are in the process of closing another PRC beverage can plant and relocating production equipment. The remaining actions are expected to be completed during 2002. A \$237.7 million pretax charge (\$185 million after tax and minority interest impact) was recorded in connection with this reorganization. The charge was comprised of: (1) \$90.3 million to write-down fixed assets and related spare parts held for sale to net realizable value, including estimated cost to sell; (2) \$64.4 million of goodwill to estimated recoverable amounts; (3) \$28.8 million for the acquisition of minority partner interests and write off of unrecoverable equity investments; (4) \$24 million of accounts receivable deemed uncollectible and inventories deemed unsalable, both as a direct result of the exit plan; (5) \$13 million of severance cost and other employee benefits; and (6) \$17.2 million of decommissioning costs, miscellaneous taxes and other exit costs. Based on current estimates, positive cash flow of approximately \$29 million, including tax recoveries, is expected upon the completion of the reorganization plan. Revenues from the general line metal can business were approximately \$20.4 million through August 2001, \$45 million for the year 2000 and \$41.2 million in 1999.

Also in the second quarter of 2001, we ceased operations in two commercial developmental product lines in our aerospace and technologies business. A pretax charge of \$16 million (\$9.7 million after tax) was recorded in the second quarter of 2001. The charge was comprised of: (1) \$10 million of accounts receivable deemed uncollectible and inventories deemed unsalable, both as a direct result of the exit plan; (2) \$2 million to write-down fixed assets held for sale to net realizable value, including estimated costs to sell; (3) \$3.6 million of decommissioning and other exit costs; and (4) \$0.4 million of severance and other employee benefit costs.

In November 2001 Ball announced the closure of its Moultrie, Georgia, plant to address overcapacity in the aluminum beverage can industry in North America. The plant was closed in December and the company recorded a charge of \$24.7 million (\$15 million after tax). The charge included: (1) \$15.8 million for the write-down of fixed assets held for sale and related machinery spare parts inventory to estimated net realizable value, including estimated costs to sell; (2) \$4.7 million for severance and other employee benefit costs; (3) \$3.2 million for other assets and decommissioning costs; and (4) \$1 million for contractual pension and retirement obligations which have been included in the appropriate liability accounts. Based on current estimates, positive cash flow of approximately \$4 million, including tax recoveries, is expected upon completion of the plant closure. This charge was offset in part by the reversal of \$7.2 million (\$4.5 million after tax) of the June 2001 restructuring charge, primarily due to original estimates exceeding net actual costs as activities are concluded.

F-14

The 2001 charges are comprised of:

(\$ in millions)	Fixed Assets/ Spare Parts	Goodwill	Acquisition of Minority Partner Interests	Pension/ Employee Costs	Other Assets/ Costs	Total
Charge to earnings in second quarter 2001:						
PRC	\$ 90.3	\$ 64.4	\$ 28.8	\$ 13.0	\$ 41.2	\$ 237.7
Aerospace and technologies	2.0	-	-	0.4	13.6	16.0
Charge/reversal to earnings in fourth quarter 2001:						
North America packaging	15.8	-	-	5.7	3.2	24.7
PRC	(7.2)	-	(0.9)	(3.5)	6.6	(5.0)
Aerospace and technologies	(0.1)	-	-	(0.3)	(1.8)	(2.2)
	100.8	64.4	27.9	15.3	62.8	271.2
Payments	-	-	(10.4)	(5.6)	(3.6)	(19.6)
Transfers to assets to reflect estimated realizable values	(100.8)	(64.4)	(19.4)	-	(40.3)	(224.9)
Transfers to liabilities	-	-	1.9	(1.0)	(2.3)	(1.4)
Balance at December 31, 2001	\$ -	\$ -	\$ -	\$ 8.7	\$ 16.6	\$ 25.3

Severance and other benefit costs are associated with the termination of 1,592 employees, primarily manufacturing and administrative personnel. The carrying value of fixed assets remaining for sale in connection with the 2001 charges is \$1.1 million.

In the second quarter of 2000, the company recorded an \$83.4 million pretax charge (\$55 million after tax, minority interests and equity earnings impacts) for packaging business consolidation and investment exit activities in North America and the PRC. The consolidation plan is complete and one plant and a portion of the equipment remain for sale. The \$83.4 million charge included: (1) \$43.9 million for the write-down to estimated net realizable value of fixed assets held for sale and related spare parts inventory; (2) \$9 million for severance, supplemental unemployment and other related benefits; (3) \$14.3 million for contractual pension and retirement obligations which have been included in the appropriate liability accounts; (4) \$5.4 million for the write-down of goodwill associated with the closed PRC plant; (5) \$8.2 million for the write-down of equity investments; and (6) \$2.6 million for other assets and consolidation costs.

The carrying value of fixed assets remaining for sale in connection with the 2000 business exit activities, as well as the remaining integration activities related to a 1998 acquisition, was approximately \$6.1 million at December 31, 2001. Of the \$14.2 million of severance and other estimated liabilities accrued as exit costs at December 31, 2000, \$9.2 million has been paid and \$4.1 million has been reclassified as a reduction of goodwill. The remaining accrued employee severance and other exit costs at December 31, 2001, were less than \$1 million.

Subsequent changes to the estimated costs of the 2001 and 2000 business consolidation activities, if any, will be included in current-period earnings.

During the third quarter of 2000, the company recognized cost recovery of approximately \$7 million (approximately \$4.3 million after tax) related to the Armed Services Board of Contract Appeals upholding the company's claim to recoverability of costs associated with Ball's ESOP for fiscal years beginning in 1989.

4. Acquisition

On December 28, 2001, Ball acquired substantially all of the assets of Wis-Pak Plastics, Inc. (Wis-Pak) for approximately \$27.5 million. Additional payments of up to \$10 million in total, including interest, are contingent upon the future performance of the acquired business through 2006. The

F-15

contingent purchase price component will be recognized as the performance levels are achieved. Under the acquisition agreement, Ball entered into a ten-year agreement to supply 100 percent of Wis-Pak's annual PET container requirements, which are currently 550 million containers annually. The acquisition is not significant to the packaging segment's financial statements.

Subsequent increases in actual costs, if any, associated with the company's acquisitions will be included in current-period earnings while subsequent decreases, if any, will result in a reduction in goodwill.

5. Accounts Receivable

Accounts receivable are net of an allowance for doubtful accounts of \$13.5 million at December 31, 2001, and \$15.1 million at December 31, 2000.

A trade accounts receivable securitization agreement provides for the ongoing, revolving sale of a designated pool of U.S. packaging trade accounts receivable, up to \$125 million. Net funds received from the sale of the accounts receivable totaled \$122.5 million at both December 31, 2001 and 2000, and are reflected as a reduction in accounts receivable in the consolidated balance sheet. Fees incurred in connection with the sale of accounts receivable totaled \$5.5 million in 2001, \$8.4 million in 2000 and \$7 million in 1999.

Net accounts receivable under long-term contracts, due primarily from agencies of the U.S. government, were \$60.7 million and \$100.1 million at December 31, 2001 and 2000, respectively, and include unbilled amounts representing revenue earned but contractually not yet billable of \$19.9 million and \$47.2 million, respectively. The average length of the long-term contracts is approximately three years and the average length remaining on those contracts at December 31, 2001, was approximately 13 months. Approximately \$3.6 million of unbilled receivables at December 31, 2001, is expected to be collected after one year and is related to fees and cost withholds that will be paid upon completion of milestones or other contract terms, as well as final overhead rate settlements.

6. Inventories

December 31,

<i>(\$ in millions)</i>	<u>2001</u>	<u>2000</u>
Raw materials and supplies	\$ 148.9	\$ 214.9
Work in process and finished goods	300.4	412.6
	<u>\$ 449.3</u>	<u>\$ 627.5</u>

Approximately 40 percent and 41 percent of total inventories at December 31, 2001 and 2000, respectively, were valued using the LIFO method of accounting. Inventories at December 31, 2001 and 2000 would have been \$3.5 million and \$5.7 million higher, respectively, than the reported amounts if the FIFO method of accounting, which approximates replacement cost, had been used for those inventories.

F-16

7. Property, Plant and Equipment

<i>(\$ in millions)</i>	<u>December 31,</u>	
	<u>2001</u>	<u>2000</u>
Land	\$ 49.5	\$ 52.1
Buildings	456.8	438.9
Machinery and equipment	1,398.5	1,410.2
	<u>1,904.8</u>	<u>1,901.2</u>
Accumulated depreciation	(1,000.4)	(897.5)
	<u>\$ 904.4</u>	<u>\$ 1,003.7</u>

Depreciation expense amounted to \$137.9 million, \$142.2 million and \$143.8 million for the years ended December 31, 2001, 2000 and 1999, respectively. The significant reduction in property, plant and equipment during 2001 as a result of reorganization activities in the PRC and North America (discussed in Note 3) was offset by the acquisition of previously leased assets and the assets obtained in the acquisition of Wis-Pak (discussed in Note 4).

8. Goodwill and Other Assets

<i>(\$ in millions)</i>	<u>December 31,</u>	
	<u>2001</u>	<u>2000</u>
Goodwill (net of accumulated amortization of \$65.2 and \$54.5 at December 31, 2001, and 2000, respectively)	\$ 357.8	\$ 436.8
Investments in affiliates	68.8	81.2
Prepaid pension	101.0	67.1
Other	88.1	91.7
	<u>\$ 615.7</u>	<u>\$ 676.8</u>

Total amortization expense, including that in connection with goodwill, amounted to \$14.6 million, \$16.9 million and \$19.1 million for the years ended December 31, 2001, 2000 and 1999, respectively, of which \$10.7 million, \$12.6 million and \$13.4 million related to the amortization of goodwill. Goodwill of \$64.4 million was written off in connection with the business consolidation in the PRC as discussed in Note 3. The remaining reduction in goodwill since December 31, 2000, is the result of cost allocation adjustments related to past acquisitions as required in accordance with generally accepted accounting principles, offset in large part by the initial estimate of goodwill in connection with the Wis-Pak acquisition (discussed in Note 4).

F-17

In accordance with SFAS No. 142, which Ball adopted on January 1, 2002, goodwill is no longer amortized but rather tested periodically for impairment. The following table summarizes the pro forma earnings and per share impact if goodwill had not been amortized during 2001, 2000 and 1999:

<i>(\$ in millions, except per share amounts)</i>	<u>2001</u>	<u>2000</u>	<u>1999</u>
Net earnings (loss), as reported	\$ (99.2)	\$ 68.2	\$ 104.2
Add back goodwill amortization, net of tax	9.1	10.7	11.0
Adjusted net earnings (loss)	<u>\$ (90.1)</u>	<u>\$ 78.9</u>	<u>\$ 115.2</u>
Basic Earnings per Share:			
Basic earnings (loss) per share, as reported	\$ (1.85)	\$ 1.13	\$ 1.68
Add back goodwill amortization, net of tax	0.17	0.18	0.18

Adjusted basic earnings (loss) per share	\$ (1.68)	\$ 1.31	\$ 1.86
Diluted Earnings per Share:			
Diluted earnings (loss) per share, as reported	\$ (1.85)	\$ 1.07	\$ 1.58
Add back goodwill amortization, net of tax	0.15	0.17	0.17
	\$ (1.70)	\$ 1.24	\$ 1.75

9. Debt and Interest Costs

Short-term debt consisted of non-recourse Asian bank facilities of which \$48 million and \$58.5 million were outstanding at December 31, 2001 and 2000, respectively. The weighted average interest rate of the outstanding facilities was 5.7 percent at December 31, 2001, and 6.5 percent at December 31, 2000.

Long-term debt at December 31 consisted of the following:

<i>(\$ in millions)</i>	2001	2000
Notes Payable		
7.75% Senior Notes due August 2006	\$ 300.0	\$ 300.0
8.25% Senior Subordinated Notes due August 2008	250.0	250.0
Senior Credit Facility:		
Term Loan A due August 2004 (2001 – 2.8125%; 2000 – 7.5%)	245.0	295.0
Term Loan B due March 2006 (2001 – 3.8125%; 2000 – 8.5%)	194.0	196.0
Industrial Development Revenue Bonds		
Floating rates due through 2011 (2001 – 1.45%; 2000 – 5%)	27.1	27.1
ESOP Debt Guarantee		
9.60% installment note due through 2001	–	10.7
	1,016.1	1,078.8
Less: Current portion of long-term debt	(67.0)	(67.2)
	\$ 949.1	\$ 1,011.6

The company's Senior Credit Facility bears interest at variable rates and is comprised of the following: (1) Term Loan A due in installments through August 2004; (2) Term Loan B due in installments through March 2006; (3) a revolving credit facility which provides us with up to \$575 million revolving credit facility, comprised of a \$125 million, 364-day annually renewable facility and a \$450 million long-term committed facility expiring in August 2004; and (4) a \$50 million long-term committed Canadian facility expiring in November 2002. At December 31, 2001, \$596 million was available under the revolving credit facilities, after allowing for outstanding letters of credit.

F-18

The Senior Notes, Senior Subordinated Notes and Senior Credit Facility agreements are guaranteed on a full, unconditional and joint and several basis by certain of the company's domestic wholly-owned subsidiaries. All amounts outstanding under the Senior Credit Facility are secured by: (1) a pledge of 100 percent of the stock owned by the company in its direct and indirect majority-owned domestic subsidiaries and (2) a pledge of the company's stock, owned directly or indirectly, of certain foreign subsidiaries, which equals 65 percent of the stock of each such foreign subsidiary. Separate financial statements for the guarantor subsidiaries and the non-guarantor subsidiaries are not presented because management has determined that such financial statements would not be material to investors. Condensed, consolidating financial information for the company, segregating the guarantor subsidiaries and non-guarantor subsidiaries, will be provided in an exhibit to our Form 10-K for the year ended December 31, 2001.

Ball's subsidiary and its consolidated affiliates in the PRC had short-term uncommitted credit facilities of approximately \$87 million, of which \$48 million was outstanding at December 31, 2001.

Maturities of all fixed long-term debt obligations outstanding at December 31, 2001, are \$67 million, \$87 million, \$100.1 million, \$10 million and \$486 million for the years ending December 31, 2002 through 2006, respectively, and \$266 million thereafter.

Ball issues letters of credit in the ordinary course of business to secure liabilities recorded in connection with industrial development revenue bonds and insurance arrangements, of which \$28.6 million were outstanding at December 31, 2001. Ball also has provided a completion guarantee representing 50 percent of the \$30.5 million of debt issued by our Brazilian joint venture to fund the construction of facilities.

The company was not in default of any loan agreement at December 31, 2001, and has met all payment obligations. The U.S. note agreements, bank credit agreement and industrial development revenue bond agreements contain certain restrictions relating to dividends, share repurchases, investments, financial ratios, guarantees and the incurrence of additional indebtedness.

A summary of total interest cost paid and accrued follows:

<i>(\$ in millions)</i>	2001	2000	1999
Interest costs	\$ 89.7	\$ 98.5	\$ 109.6
Amounts capitalized	(1.4)	(3.3)	(2.0)
Interest expense	\$ 88.3	\$ 95.2	\$ 107.6
Interest paid during the year	\$ 89.0	\$ 96.8	\$ 111.2

Subsidiary Guarantees of Debt

The company's Senior Notes, Senior Subordinated Notes and Senior Credit Facility agreements are guaranteed on a full, unconditional, and joint and several basis by certain of the company's wholly-owned domestic subsidiaries. The following is condensed, consolidating financial information for the company, segregating the guarantor subsidiaries and non-guarantor subsidiaries, as of December 31, 2001 and 2000, and for the years ended December 31, 2001, 2000 and 1999 (in millions of dollars). Certain prior-year amounts have been reclassified in order to conform with the current year presentation. Separate financial statements for the guarantor subsidiaries and the non-guarantor subsidiaries are not presented because management has determined that such financial statements would not be material to investors.

F-19

CONSOLIDATED BALANCE SHEET					
December 31, 2001					
	Ball Corporation	Guarantor Subsidiaries	Non-Guarantor Subsidiaries	Eliminating Adjustments	Consolidated Total
ASSETS					
Current assets					
Cash and cash equivalents	\$ 52.7	\$ 0.4	\$ 30.0	\$ –	\$ 83.1
Accounts receivable, net	1.6	142.6	27.8	–	172.0
Inventories, net	–	375.5	73.8	–	449.3
Deferred income tax benefits and prepaid expenses	183.3	126.2	1.6	(222.0)	89.1
Total current assets	237.6	644.7	133.2	(222.0)	793.5
Property, plant and equipment, at cost	25.9	1,620.2	258.7	–	1,904.8
Accumulated depreciation	(13.8)	(870.8)	(115.8)	–	(1,000.4)
	12.1	749.4	142.9	–	904.4
Investment in subsidiaries	1,637.8	57.9	9.8	(1,705.5)	–
Investment in affiliates	7.4	15.3	46.1	–	68.8
Goodwill, net	–	326.6	31.2	–	357.8
Other assets	106.2	65.5	17.4	–	189.1
	\$ 2,001.1	\$ 1,859.4	\$ 380.6	\$ (1,927.5)	\$ 2,313.6
LIABILITIES AND SHAREHOLDERS' EQUITY					
Current liabilities					
Short-term debt and current portion of long-term debt	\$ 67.0	\$ –	\$ 48.0	\$ –	\$ 115.0
Accounts payable	4.1	215.7	38.7	–	258.5
Salaries and wages	8.9	76.5	5.6	–	91.0
Other current liabilities	45.5	248.4	38.3	(222.0)	110.2
Total current liabilities	125.5	540.6	130.6	(222.0)	574.7
Long-term debt	939.0	10.1	–	–	949.1
Intercompany borrowings	308.2	291.7	98.9	(698.8)	–
Employee benefit obligations, deferred income taxes and other	124.3	95.4	56.3	–	276.0
Total liabilities	1,497.0	937.8	285.8	(920.8)	1,799.8
Contingencies					
Minority interests	–	–	9.7	–	9.7
Shareholders' equity					
Convertible preferred stock	–	–	179.6	(179.6)	–
Preferred shareholders' equity	–	–	179.6	(179.6)	–
Common stock	478.9	724.5	239.2	(963.7)	478.9
Retained earnings	410.0	207.8	(304.7)	96.9	410.0
Accumulated other comprehensive loss	(43.7)	(10.7)	(29.0)	39.7	(43.7)
Treasury stock, at cost	(341.1)	–	–	–	(341.1)
Common shareholders' equity	504.1	921.6	(94.5)	(827.1)	504.1
Total shareholders' equity	504.1	921.6	85.1	(1,006.7)	504.1
	\$ 2,001.1	\$ 1,859.4	\$ 380.6	\$ (1,927.5)	\$ 2,313.6

F-20

CONSOLIDATED BALANCE SHEET

December 31, 2000

	Ball Corporation	Guarantor Subsidiaries	Non-Guarantor Subsidiaries	Eliminating Adjustments	Consolidated Total
ASSETS					
Current assets					
Cash and cash equivalents	\$ 12.3	\$ 0.2	\$ 13.1	\$ –	\$ 25.6
Accounts receivable, net	3.0	171.4	55.8	–	230.2
Inventories, net	–	498.8	128.7	–	627.5
Deferred income tax benefits and prepaid expenses	197.5	114.7	6.2	(232.4)	86.0
Total current assets	212.8	785.1	203.8	(232.4)	969.3
Property, plant and equipment, at cost	25.8	1,534.8	340.6	–	1,901.2
Accumulated depreciation	(15.2)	(768.2)	(114.1)	–	(897.5)
	10.6	766.6	226.5	–	1,003.7
Investment in subsidiaries	1,476.5	340.0	9.8	(1,826.3)	–
Investment in affiliates	7.8	15.7	57.7	–	81.2
Goodwill, net	–	338.8	98.0	–	436.8
Other assets	81.0	43.9	33.9	–	158.8
	\$ 1,788.7	\$ 2,290.1	\$ 629.7	\$ (2,058.7)	\$ 2,649.8
LIABILITIES AND SHAREHOLDERS' EQUITY					
Current liabilities					
Short-term debt and current portion of long-term debt	\$ 67.2	\$ –	\$ 58.5	\$ –	\$ 125.7
Accounts payable	7.4	262.8	61.9	–	332.1
Salaries and wages	10.6	100.6	7.4	–	118.6
Other current liabilities	34.9	248.9	31.3	(232.4)	82.7
Total current liabilities	120.1	612.3	159.1	(232.4)	659.1
Long-term debt	1,001.5	10.1	–	–	1,011.6
Intercompany borrowings	(142.1)	59.8	82.3	–	–
Employee benefit obligations, deferred income taxes and other	126.8	98.5	56.5	–	281.8
Total liabilities	1,106.3	780.7	297.9	(232.4)	1,952.5
Contingencies					
Minority interests	–	–	14.9	–	14.9
Shareholders' equity					
Series B ESOP Convertible Preferred Stock	53.4	–	–	–	53.4
Convertible preferred stock	–	–	179.6	(179.6)	–
Unearned compensation – ESOP	(10.6)	–	–	–	(10.6)
Preferred shareholders' equity	42.8	–	179.6	(179.6)	42.8
Common stock	443.9	1,155.7	239.7	(1,395.4)	443.9
Retained earnings	529.3	355.7	(78.6)	(277.1)	529.3
Accumulated other comprehensive loss	(29.7)	(2.0)	(23.8)	25.8	(29.7)
Treasury stock, at cost	(303.9)	–	–	–	(303.9)
Common shareholders' equity	639.6	1,509.4	137.3	(1,646.7)	639.6
Total shareholders' equity	682.4	1,509.4	316.9	(1,826.3)	682.4
	\$ 1,788.7	\$ 2,290.1	\$ 629.7	\$ (2,058.7)	\$ 2,649.8

F-21

CONSOLIDATED STATEMENT OF EARNINGS

For the Year Ended December 31, 2001

	Ball Corporation	Guarantor Subsidiaries	Non-Guarantor Subsidiaries	Eliminating Adjustments	Consolidated Total
Net sales	\$ –	\$ 3,523.2	\$ 415.1	\$ (252.2)	\$ 3,686.1
Costs and expenses					
Cost of sales (excluding depreciation and amortization)	–	3,037.3	357.1	(252.2)	3,142.2
Depreciation and amortization	2.0	128.3	22.2	–	152.5
Business consolidation costs and other	–	38.7	232.5	–	271.2
Selling and administrative	20.8	90.2	24.6	–	135.6
Receivable securitization fees and product development	–	10.3	(0.3)	–	10.0

Interest expense	42.8	39.9	5.6	-	88.3
Equity in earnings of subsidiaries	106.6	-	-	(106.6)	-
Corporate allocations	(59.9)	59.9	-	-	-
	112.3	3,404.6	641.7	(358.8)	3,799.8
Earnings (loss) before taxes	(112.3)	118.6	(226.6)	106.6	(113.7)
Provision for taxes	13.4	1.1	(4.8)	-	9.7
Minority interests	-	-	0.8	-	0.8
Equity in earnings (losses) of affiliates	(0.3)	(0.2)	4.5	-	4.0
Net earnings (loss)	(99.2)	119.5	(226.1)	106.6	(99.2)
Preferred dividends, net of tax	(2.0)	-	-	-	(2.0)
Earnings (loss) attributable to common shareholders	\$ (101.2)	\$ 119.5	\$ (226.1)	\$ 106.6	\$ (101.2)

CONSOLIDATED STATEMENT OF EARNINGS

For the Year Ended December 31, 2000

	<u>Ball Corporation</u>	<u>Guarantor Subsidiaries</u>	<u>Non-Guarantor Subsidiaries</u>	<u>Eliminating Adjustments</u>	<u>Consolidated Total</u>
Net sales	\$ -	\$ 3,460.4	\$ 454.2	\$ (249.9)	\$ 3,664.7
Costs and expenses					
Cost of sales (excluding depreciation and amortization)	-	2,936.5	380.5	(249.9)	3,067.1
Depreciation and amortization	2.2	128.1	28.8	-	159.1
Business consolidation costs and other	2.3	15.1	59.0	-	76.4
Selling and administrative	30.4	97.9	10.6	-	138.9
Receivable securitization fees and product development	-	13.9	0.2	-	14.1
Interest expense	82.1	7.8	5.3	-	95.2
Equity in earnings of subsidiaries	(90.8)	-	-	90.8	-
Corporate allocations	(60.2)	60.2	-	-	-
	(34.0)	3,259.5	484.4	(159.1)	3,550.8
Earnings (loss) before taxes	34.0	200.9	(30.2)	(90.8)	113.9
Provision for taxes	34.5	(75.1)	(2.2)	-	(42.8)
Minority interests	-	-	1.0	-	1.0
Equity in earnings (losses) of affiliates	(0.3)	(1.3)	(2.3)	-	(3.9)
Net earnings (loss)	68.2	124.5	(33.7)	(90.8)	68.2
Preferred dividends, net of tax	(2.6)	-	-	-	(2.6)
Earnings (loss) attributable to common shareholders	\$ 65.6	\$ 124.5	\$ (33.7)	\$ (90.8)	\$ 65.6

F-22

CONSOLIDATED STATEMENT OF EARNINGS

For the Year Ended December 31, 1999

	<u>Ball Corporation</u>	<u>Guarantor Subsidiaries</u>	<u>Non-Guarantor Subsidiaries</u>	<u>Eliminating Adjustments</u>	<u>Consolidated Total</u>
Net sales	\$ -	\$ 3,498.6	\$ 456.9	\$ (248.3)	\$ 3,707.2
Costs and expenses					
Cost of sales (excluding depreciation and amortization)	-	2,980.6	378.7	(248.3)	3,111.0
Depreciation and amortization	3.0	130.1	29.8	-	162.9
Selling and administrative	15.3	97.5	28.1	-	140.9
Receivable securitization fees and product development	-	13.5	0.1	-	13.6
Interest expense	60.8	37.3	9.5	-	107.6
Equity in earnings of subsidiaries	(119.4)	-	-	119.4	-
Corporate allocations	(49.7)	49.7	-	-	-
	(90.0)	3,308.7	446.2	(128.9)	3,536.0
Earnings (loss) before taxes	90.0	189.9	10.7	(119.4)	171.2
Provision for taxes	13.9	(72.7)	(6.1)	-	(64.9)
Minority interests	-	-	(1.9)	-	(1.9)
Equity in earnings (losses) of affiliates	0.3	(0.2)	(0.3)	-	(0.2)
Net earnings (loss)	104.2	117.0	2.4	(119.4)	104.2
Preferred dividends, net of tax	(2.7)	-	-	-	(2.7)
Earnings (loss) attributable to common shareholders	\$ 101.5	\$ 117.0	\$ 2.4	\$ (119.4)	\$ 101.5

F-23

CONSOLIDATED STATEMENT OF CASH FLOWS

For the Year Ended December 31, 2001

	Ball Corporation	Guarantor Subsidiaries	Non-Guarantor Subsidiaries	Eliminating Adjustments	Consolidated Total
Cash flows from operating activities					
Net earnings (loss)	\$ (99.2)	\$ 119.5	\$ (226.1)	\$ 106.6	\$ (99.2)
Noncash charges to net earnings:					
Depreciation and amortization	2.0	128.3	22.2	-	152.5
Business consolidation costs, net of related equity and minority interest effects	-	38.7	230.0	-	268.7
Deferred income taxes	(71.0)	69.6	3.9	-	2.5
Equity earnings of subsidiaries	106.6	-	-	(106.6)	-
Other, net	10.4	(55.0)	(2.0)	-	(46.6)
Changes in working capital components	54.4	(4.0)	(7.5)	-	42.9
Net cash (used in) provided by operating activities	3.2	297.1	20.5	-	320.8
Cash flows from investing activities					
Additions to property, plant and equipment	(3.2)	(52.7)	(12.6)	-	(68.5)
Acquisitions of previously leased assets and a PET manufacturing business	-	(77.9)	-	-	(77.9)
Investments in and advances to affiliates	168.2	(184.8)	16.6	-	-
Other, net	2.1	18.5	2.9	-	23.5
Net cash provided by (used in) investing activities	167.1	(296.9)	6.9	-	(122.9)
Cash flows from financing activities					
Repayments of long-term borrowings	(52.0)	-	-	-	(52.0)
Change in short-term borrowings	-	-	(10.3)	-	(10.3)
Common and preferred dividends	(20.4)	-	-	-	(20.4)
Proceeds from issuance of common stock under various employee and shareholder plans	32.1	-	-	-	32.1
Acquisitions of treasury stock	(85.9)	-	-	-	(85.9)
Other, net	(3.7)	-	(0.2)	-	(3.9)
Net cash (used in) provided by financing activities	(129.9)	-	(10.5)	-	(140.4)
Net change in cash and cash equivalents	40.4	0.2	16.9	-	57.5
Cash and cash equivalents – beginning of year	12.3	0.2	13.1	-	25.6
Cash and cash equivalents – end of year	\$ 52.7	\$ 0.4	\$ 30.0	\$ -	\$ 83.1

F-24

CONSOLIDATED STATEMENT OF CASH FLOWS

For the Year Ended December 31, 2000

	Ball Corporation	Guarantor Subsidiaries	Non-Guarantor Subsidiaries	Eliminating Adjustments	Consolidated Total
Cash flows from operating activities					
Net earnings (loss)	\$ 68.2	\$ 124.5	\$ (33.7)	\$ (90.8)	\$ 68.2
Noncash charges to net earnings:					
Depreciation and amortization	2.2	128.1	28.8	-	159.1
Business consolidation costs, net of related equity and minority interest effects	2.3	22.1	56.9	-	81.3
Deferred income taxes	(28.2)	42.1	(4.1)	-	9.8
Equity earnings of subsidiaries	(90.8)	-	-	90.8	-
Other, net	10.4	(21.0)	(1.2)	-	(11.8)
Changes in working capital components	(13.8)	(91.6)	(24.7)	-	(130.1)
Net cash (used in) provided by operating activities	(49.7)	204.2	22.0	-	176.5
Cash flows from investing activities					
Additions to property, plant and equipment	(0.8)	(85.4)	(12.5)	-	(98.7)
Investments in and advances to affiliates	153.6	(141.4)	(12.2)	-	-
Other, net	17.9	36.5	(8.2)	-	46.2
Net cash provided by (used in) investing activities	170.7	(190.3)	(32.9)	-	(52.5)
Cash flows from financing activities					
Repayments of long-term borrowings	(37.0)	(13.9)	-	-	(50.9)
Change in short-term borrowings	-	-	2.9	-	2.9
Common and preferred dividends	(21.6)	-	-	-	(21.6)
Proceeds from issuance of common stock under various employee and shareholder plans	30.7	-	-	-	30.7

Acquisitions of treasury stock	(91.6)	–	–	–	(91.6)
Other, net	(2.8)	–	(0.9)	–	(3.7)
Net cash (used in) provided by financing activities	(122.3)	(13.9)	2.0	–	(134.2)
Net change in cash and cash equivalents	(1.3)	–	(8.9)	–	(10.2)
Cash and cash equivalents – beginning of year	13.6	0.2	22.0	–	35.8
Cash and cash equivalents – end of year	\$ 12.3	\$ 0.2	\$ 13.1	\$ –	\$ 25.6

F-25

CONSOLIDATED STATEMENT OF CASH FLOWS

For the Year Ended December 31, 1999

	Ball Corporation	Guarantor Subsidiaries	Non-Guarantor Subsidiaries	Eliminating Adjustments	Consolidated Total
Cash flows from operating activities					
Net earnings (loss)	\$ 104.2	\$ 117.0	\$ 2.4	\$ (119.4)	\$ 104.2
Noncash charges to net earnings:					
Depreciation and amortization	3.0	130.1	29.8	–	162.9
Deferred income taxes	8.0	24.6	1.7	–	34.3
Equity earnings of subsidiaries	(119.4)	–	–	119.4	–
Other, net	21.4	(15.3)	–	–	6.1
Changes in working capital components	(94.7)	94.8	(1.6)	–	(1.5)
Net cash (used in) provided by operating activities	(77.5)	351.2	32.3	–	306.0
Cash flows from investing activities					
Additions to property, plant and equipment	(1.1)	(95.1)	(10.8)	–	(107.0)
Investments in and advances to affiliates	238.5	(275.0)	36.5	–	–
Other, net	4.6	5.4	4.3	–	14.3
Net cash provided by (used in) investing activities	242.0	(364.7)	30.0	–	(92.7)
Cash flows from financing activities					
Long-term borrowings	–	13.9	9.2	–	23.1
Repayments of long-term borrowings	(102.0)	(0.4)	(58.6)	–	(161.0)
Change in short-term borrowings	–	–	(13.2)	–	(13.2)
Common and preferred dividends	(22.5)	–	–	–	(22.5)
Proceeds from issuance of common stock under various employee and shareholder plans	36.8	–	–	–	36.8
Acquisitions of treasury stock	(72.3)	–	–	–	(72.3)
Other, net	(2.5)	(0.3)	0.4	–	(2.4)
Net cash (used in) provided by financing activities	(162.5)	13.2	(62.2)	–	(211.5)
Net change in cash and cash equivalents	2.0	(0.3)	0.1	–	1.8
Cash and cash equivalents – beginning of year	11.6	0.5	21.9	–	34.0
Cash and cash equivalents – end of year	\$ 13.6	\$ 0.2	\$ 22.0	\$ –	\$ 35.8

F-26

10. Leases

The company leases warehousing and manufacturing space and certain manufacturing equipment, primarily within the packaging segment, and office space, primarily within the aerospace and technologies segment. Under certain of these lease arrangements, we have the option to purchase the leased facilities and equipment for a total purchase price at the end of the lease term of approximately \$40.6 million. If we elect not to purchase the facilities and equipment and do not enter into a new lease arrangement, Ball will be required to compensate the lessors for the difference between a guaranteed minimum residual value of approximately \$30.9 million and the fair market value of the assets, if less. Ball may also incur other incremental costs to discontinue or relocate the business activities associated with these leased assets. These agreements contain certain restrictions relating to dividends, investments and borrowings. Total noncancellable operating leases in effect at December 31, 2001, require rental payments of \$30.6 million, \$22.7 million, \$14.6 million, \$5.4 million and \$2.3 million for the years 2002 through 2006, respectively, and \$2.6 million combined for all years thereafter. Lease expense for all operating leases was \$58.1 million, \$63.4 million and \$44.8 million in 2001, 2000 and 1999, respectively.

11. Taxes on Income

The amounts of earnings (losses) before income taxes by national jurisdiction follow:

<i>(\$ in millions)</i>	<u>2001</u>	<u>2000</u>	<u>1999</u>
U.S.	\$ 112.8	\$ 144.0	\$ 161.5
Foreign	(226.5)	(30.1)	9.7
	<u>\$ (113.7)</u>	<u>\$ 113.9</u>	<u>\$ 171.2</u>

The provision for income tax expense (benefit) was as follows:

<i>(\$ in millions)</i>	<u>2001</u>	<u>2000</u>	<u>1999</u>
Current			
U.S.	\$ (5.3)	\$ 28.5	\$ 23.5
State and local	(7.7)	0.9	2.2
Foreign	0.8	3.6	4.9
Total current	<u>(12.2)</u>	<u>33.0</u>	<u>30.6</u>
Deferred			
U.S.	(8.2)	12.8	28.7
State and local	6.9	2.5	4.6
Foreign	3.8	(5.5)	1.0
Total deferred	<u>2.5</u>	<u>9.8</u>	<u>34.3</u>
Provision for income taxes	<u>\$ (9.7)</u>	<u>\$ 42.8</u>	<u>\$ 64.9</u>

The current and deferred U.S. benefits above include the offsetting effects of a \$34 million minimum tax credit reclassified from current to deferred since full realization is expected in 2002 and beyond.

F-27

The income tax benefit or expense recorded within the consolidated statement of earnings differs from the amount of benefit or expense determined by applying the U.S. statutory tax rate to pretax earnings as a result of the following:

<i>(\$ in millions)</i>	<u>2001</u>	<u>2000</u>	<u>1999</u>
Statutory U.S. federal income tax	\$ (39.8)	\$ 39.8	\$ 59.9
Increase (decrease) due to:			
Company-owned life insurance	(2.9)	(3.1)	(2.1)
Research and development tax credits	(1.3)	(3.1)	(3.0)
Foreign operations and royalty income	1.0	3.2	2.9
U.S. tax effects of China restructuring and nondeductible goodwill	28.6	1.3	-
State and local taxes, net	2.8	1.9	4.4
Other, net	1.9	2.8	2.8
Provision for taxes	<u>\$ (9.7)</u>	<u>\$ 42.8</u>	<u>\$ 64.9</u>
Effective tax rate expressed as a percentage of pretax earnings	<u>(8.6)%</u>	<u>37.6%</u>	<u>37.9%</u>

At December 31, 2001, the company had capital loss carryforwards, expiring in 2004, of \$23.7 million with a related tax benefit of \$9.3 million. That benefit has been fully offset by a valuation allowance as the company currently does not anticipate capital gains in the carryforward period to allow realization of the tax benefit.

Provision has not been made for additional U.S. or foreign taxes on undistributed earnings of controlled foreign corporations where such earnings will continue to be reinvested. It is not practicable to estimate the additional taxes, including applicable foreign withholding taxes, that might become payable upon the eventual remittance of the foreign earnings for which no provision has been made.

Net income tax payments were \$0.2 million, \$28.8 million and \$29.6 million for 2001, 2000 and 1999, respectively.

The significant components of deferred tax assets and liabilities at December 31 were:

<i>(\$ in millions)</i>	<u>2001</u>	<u>2000</u>
Deferred tax assets:		
Deferred compensation	\$ (37.8)	\$ (35.2)
Accrued employee benefits	(62.1)	(63.3)
Plant closure costs	(49.3)	(38.4)
Minimum tax credits	(34.0)	-

Other	(45.5)	(43.6)
Total deferred tax assets	(228.7)	(180.5)
Deferred tax liabilities:		
Depreciation	161.6	139.5
Other	59.7	36.6
Total deferred tax liabilities	221.3	176.1
Net deferred tax asset	\$ (7.4)	\$ (4.4)

12. Pension and Other Postemployment Benefits

The company's noncontributory pension plans cover substantially all U.S. and Canadian employees meeting certain eligibility requirements. The defined benefit plans for salaried employees provide pension benefits based on employee compensation and years of service. In addition, the plan covering

F-28

salaried employees in Canada includes a defined contribution feature. Plans for hourly employees provide benefits based on fixed rates for each year of service. Our policy is to fund the plans on a current basis to the extent deductible under existing tax laws and regulations and in amounts sufficient to satisfy statutory funding requirements. Plan assets consist primarily of common stocks and fixed income securities.

The company sponsors defined benefit and defined contribution postretirement health care and life insurance plans for substantially all U.S. and Canadian employees. Employees may also qualify for long-term disability, medical and life insurance continuation and other postemployment benefits upon termination of active employment prior to retirement. All of the Ball-sponsored plans are unfunded and, with the exception of life insurance benefits, are self-insured.

In Canada, the company provides supplemental medical and other benefits in conjunction with Canadian provincial health care plans. Most U.S. salaried employees who retired prior to 1993 are covered by noncontributory defined benefit medical plans with capped lifetime benefits. Ball provides a fixed subsidy toward each retiree's future purchase of medical insurance for U.S. salaried and substantially all nonunion hourly employees retiring after January 1, 1993. Life insurance benefits are noncontributory. Ball has no commitments to increase benefits provided by any of the postemployment benefit plans.

An analysis of the change in benefit accruals for 2001 and 2000 follows:

(\$ in millions)	Pension Benefits		Other Postemployment Benefits	
	2001	2000	2001	2000
Change in benefit obligation:				
Benefit obligation at beginning of year	\$ 455.7	\$ 418.3	\$ 99.4	\$ 97.3
Service cost	13.1	12.4	2.4	1.9
Interest cost	34.4	32.0	7.6	7.6
Benefits paid	(29.0)	(18.7)	(5.1)	(3.9)
Net actuarial (gain) loss	25.5	(1.8)	7.9	(6.1)
Special termination	–	11.4	–	1.7
Other, net	10.7	2.1	(0.9)	0.9
Benefit obligation at end of year	510.4	455.7	111.3	99.4
Change in plan assets:				
Fair value of assets at beginning of year	466.7	435.4	–	–
Actual return on plan assets	(44.4)	30.8	–	–
Employer contributions	26.9	21.9	5.1	3.8
Benefits paid	(29.0)	(18.7)	(5.1)	(3.9)
Other, net	(4.3)	(2.1)	–	0.1
Fair value of assets at the measurement date	415.9	467.3	–	–
Additional contributions	32.2	–	1.3	1.3
Funded status	(62.3)	11.6	(110.0)	(98.1)
Unrecognized net actuarial loss (gain)	130.5	16.5	(3.2)	(11.9)
Unrecognized prior service cost	28.0	14.9	3.6	4.0
Unrecognized transition asset	–	(0.6)	–	–
Prepaid (accrued) benefit cost	\$ 96.2	\$ 42.4	\$ (109.6)	\$ (106.0)

Amounts recognized in the balance sheet consist of:

(\$ in millions)	Pension Benefits		Other Postemployment Benefits	
	2001	2000	2001	2000
Prepaid benefit cost	\$ 105.7	\$ 56.2	\$ –	\$ –
Accrued benefit liability	(31.5)	(30.0)	(109.6)	(106.0)
Intangible asset	13.2	12.9	–	–
Accumulated other comprehensive loss	8.8	3.3	–	–
Net amount recognized	\$ 96.2	\$ 42.4	\$ (109.6)	\$ (106.0)

Components of net periodic benefit cost were:

(\$ in millions)	Pension Benefits			Other Postemployment Benefits		
	2001	2000	1999	2001	2000	1999
Service cost	\$ 13.1	\$ 12.4	\$ 14.2	\$ 2.4	\$ 1.9	\$ 1.7
Interest cost	34.4	32.0	29.1	7.6	7.6	6.5
Expected return on plan assets	(45.1)	(42.3)	(37.6)	–	–	–
Amortization of prior service cost	1.4	1.4	1.1	0.4	0.3	–
Amortization of transition asset	(0.6)	(3.1)	(3.2)	–	–	–
Curtailment loss	0.4	7.9	0.5	–	–	–
Recognized net actuarial loss (gain)	0.4	0.7	1.7	(0.9)	(0.7)	(0.3)
Net periodic benefit cost	4.0	9.0	5.8	9.5	9.1	7.9
Expense of defined contribution plans	0.6	0.7	0.7	–	–	–
Net periodic benefit cost	\$ 4.6	\$ 9.7	\$ 6.5	\$ 9.5	\$ 9.1	\$ 7.9

Weighted average assumptions at the measurement date were:

	Pension Benefits			Other Postemployment Benefits		
	2001	2000	1999	2001	2000	1999
Discount rate	7.39%	7.84%	7.84%	7.43%	7.85%	7.82%
Rate of compensation increase	3.30%	3.30%	3.33%	N/A	N/A	N/A
Expected long-term rates of return on assets	9.62%	9.81%	9.82%	N/A	N/A	N/A

The expected long-term rates of return on assets are calculated by applying the expected rate of return to a market related value of plan assets at the beginning of the year, adjusted for the weighted average expected contributions and benefit payments. The market related value of plan assets used to calculate expected return was \$479.8 million at September 30, 2001, \$433.9 million at September 30, 2000, and \$382.8 million at December 31, 1999. The measurement date for determining the market related value of plan assets was changed during 2000 from December 31 to September 30 in order to utilize more timely and accurate data in determining pension estimates. This change had an insignificant impact on the 2000 financial statements.

For pension plans, accumulated gains and losses in excess of a 10 percent corridor, the prior service cost and the transition asset are being amortized on a straight-line basis from the date recognized over the average remaining service period of active participants. For other postemployment benefits, the 10 percent corridor is not used for accumulated actuarial gains and losses, and they are amortized over 10 years.

The projected benefit obligation, accumulated benefit obligation and fair value of plan assets for the pension plans with accumulated benefit obligations in excess of plan assets were \$94.1 million, \$92.9 million and \$60.7 million, respectively, as of December 31, 2001.

For the U.S. health care plans at December 31, 2001, a 5.5 percent health care cost trend rate was used for pre-65 and post-65 benefits, and trend rates were assumed to remain level for 2002 and subsequent years. For the Canadian plans, a 6.5 percent health care cost trend rate was used, which was assumed to decrease to 4.5 percent by 2006 and remain at that level in subsequent years.

Health care cost trend rates can have an effect on the amounts reported for the health care plan. A one-percentage point change in assumed health care cost trend rates would increase or decrease the total of service and interest cost by approximately \$0.3 million and the postemployment benefit obligation by approximately \$3.6 million.

The additional minimum pension liability, less related intangible asset, was recognized net of tax benefits as a component of shareholders' equity within accumulated other comprehensive loss.

Other Benefit Plans

Substantially all employees within the company's aerospace and technologies segment who participate in Ball's 401(k) salary conversion plan receive a performance-based matching cash contribution of up to 4 percent of base salary. The company was required to contribute \$1.9 million of additional compensation related to this program for the year 2000. In addition, prior to the payment of the ESOP loan by the trust on December 14, 2001 (discussed in Note 13), substantially all U.S. salaried employees and certain U.S. nonunion hourly employees who participate in Ball's 401(k) salary conversion plan automatically participated in the company's ESOP through an employer matching contribution. Cash contributions to the ESOP trust, including preferred dividends, were used to service the ESOP debt and were \$11.4 million in 2001, \$11.5 million in 2000 and \$11.6 million in 1999. Interest paid by the ESOP trust for its borrowings was \$0.7 million, \$1.7 million and \$2.6 million for 2001, 2000 and 1999, respectively. Subsequent to the payment of the ESOP loan by the trust on December 14, 2001, the company began matching employee contributions to the company's 401(k) with shares of Ball common stock beginning on January 1, 2002. Matching contributions are limited to 50 percent of up to 6 percent of a participant's annual salary.

13. Shareholders' Equity

At December 31, 2001, the company had 120 million shares of common stock and 15 million shares of preferred stock authorized, both without par value. Preferred stock includes 600,000 authorized but unissued shares designated as Series A Junior Participating Preferred Stock. In accordance with plan provisions, effective December 14, 2001, the ESOP loan was paid by the trust and each related preferred share was converted into 1.1552 common shares, which were issued out of treasury stock. These common shares have been transferred to the company's 401(k) plan under which the employees have the option to convert them to other investments.

Under the company's successor Shareholder Rights Plan, one Preferred Stock Purchase Right (Right) is attached to each outstanding share of Ball Corporation common stock. Subject to adjustment, each Right entitles the registered holder to purchase from the company one one-thousandth of a share of Series A Junior Participating Preferred Stock of the company at an exercise price of \$130 per Right. If a person or group acquires 15 percent or more of the company's outstanding common stock (or upon occurrence of certain other events), the Rights (other than those held by the acquiring person) become exercisable and generally entitle the holder to purchase shares of Ball Corporation common stock at a 50 percent discount. The Rights, which expire in 2006, are redeemable by the company at a redemption price of one cent per Right and trade with the common stock. Exercise of such Rights would cause substantial dilution to a person or group attempting to acquire control of the

F-31

company without the approval of Ball's board of directors. The Rights would not interfere with any merger or other business combinations approved by the board of directors.

Common shares were reserved at December 31, 2001, for future issuance under the employee stock purchase, stock option, dividend reinvestment and restricted stock plans.

In connection with the employee stock purchase plan, the company contributes 20 percent of up to \$500 of each participating employee's monthly payroll deduction toward the purchase of Ball Corporation common stock. Company contributions for this plan were approximately \$1.8 million in 2001, \$1.9 million in 2000 and \$1.8 million in 1999.

Accumulated Other Comprehensive Loss

The activity related to accumulated other comprehensive loss was as follows:

<i>(\$ in millions)</i>	Foreign Currency Translation	Minimum Pension Liability (net of tax)	Effective Financial Derivatives (a)	Accumulated Other Comprehensive Loss
December 31, 1998	\$ (28.6)	\$ (3.1)	\$ -	\$ (31.7)
1999 change	4.0	1.0	-	5.0
December 31, 1999	(24.6)	(2.1)	-	(26.7)
2000 change	(3.2)	0.2	-	(3.0)
December 31, 2000	(27.8)	(1.9)	-	(29.7)
2001 change	(2.1)	(3.8)	(8.1)	(14.0)
December 31, 2001	\$ 29.9	\$ (5.7)	\$ (8.1)	\$ (43.7)

(a) Please refer to Note 16 for a discussion of the company's use of derivative financial instruments.

The minimum pension liability component of other comprehensive earnings (loss) is presented net of related tax expense of \$2.1 million, \$1.4 million and \$0.7 million for the years ended December 31, 2001, 2000 and 1999, respectively. No tax benefit has been provided on the foreign currency translation loss component for any period, as the undistributed earnings of the company's foreign investments will continue to be reinvested.

Stock Options and Restricted Shares

The company has several stock option plans under which options to purchase shares of common stock have been granted to officers and key employees at the market value of the stock at the date of grant. Payment must be made at the time of exercise in cash or with shares of stock owned by the option holder, which are valued at fair market value on the date exercised. Options terminate 10 years from date of grant. Tier A options are exercisable in four equal installments commencing one year from date of grant, with the exception of certain Tier A options granted in 1998, which became exercisable in October 2001 after the company's common stock price reached \$30 or greater for 10 consecutive days. Tier B options vested in April 1999 when the company's stock price closed at specified levels. Approximately \$4.7 million was recorded as compensation expense at the time the Tier B options became exercisable, and common stock was increased accordingly.

Ball adopted a Deposit Share Program in March 2001 that, by matching purchased shares with restricted shares, encourages certain senior management employees and outside directors to invest in Ball stock. Participants have until March 2003 to acquire shares in order to receive the matching restricted shares grants. Restrictions on the matching shares lapse at the end of four years from date of grant, or earlier if established share ownership guidelines are met and if the qualifying purchased

F-32

shares are not sold or transferred prior to that time. There are a total of 548,000 shares available for grant under this program, of which 325,534 were granted as of December 31, 2001. This plan is accounted for as a variable plan where expense is recorded based upon the current market price of the company's common stock until restrictions lapse. The effect of this program has not been significant to earnings or financial position during the year.

The company also granted 260,000 shares of restricted stock to certain management employees during 1998 at a price of \$17.50 per share. Restrictions on these shares lapsed in tranches during 2000, 2001 and early 2002 based on the company achieving certain standards of performance.

A summary of stock option activity for the years ended December 31 follows (retroactively restated for the two-for-one stock split discussed in Note 14):

	2001		2000		1999	
	Number of Shares	Weighted Average Exercise Price	Number of Shares	Weighted Average Exercise Price	Number of Shares	Weighted Average Exercise Price
Outstanding at beginning of year	4,308,510	\$ 17.297	3,853,590	\$ 17.329	4,326,792	\$ 15.442
Tier A options exercised	(1,186,986)	15.513	(184,584)	13.352	(788,566)	14.813
Tier B options exercised	(215,000)	12.188	-	-	(111,000)	12.188
Tier A options granted	976,684	21.960	760,750	16.531	602,200	26.930
Tier A options canceled	(99,670)	20.857	(121,246)	19.506	(175,836)	18.317
Outstanding at end of year	3,783,538	19.252	4,308,510	17.297	3,853,590	17.329
Exercisable at end of year	1,951,746	17.567	2,516,980	15.863	2,174,090	14.978
Reserved for future grants	2,315,876		3,566,978		4,256,260	

Additional information regarding options outstanding at December 31, 2001, follows (retroactively restated for the two-for-one stock split discussed in Note 14):

	Exercise Price Range			
	\$12.188 - \$16.531	\$17.500 - \$17.969	\$21.225 - \$27.563	
Number of options outstanding	1,190,570	991,198	1,601,770	3,783,538
Weighted average exercise price	14.900	17.724	23.432	19.252
Weighted average remaining contractual life	6.57 years	6.08 years	8.39 years	7.22 years
Number of shares exercisable	721,692	882,548	347,506	1,951,746
Weighted average exercise price	13.840	17.694	24.985	17.567

These options cannot be traded in any equity market. However, based on the Black-Scholes option pricing model, adapted for use in valuing compensatory stock options in accordance with SFAS No. 123, Tier A options granted in 2001, 2000 and 1999 have estimated weighted average fair values at the date of grant of \$7.80 per share \$6.08 per share and \$8.66 per share, respectively. Under the same methodology, Tier B options granted during 1997 have an estimated weighted average fair value at the date of grant of \$4.27 per share. The actual value an employee may realize will depend on the excess of the stock price over the exercise price on the date the option is exercised. Consequently, there is no

F-33

assurance that the value realized by an employee will be at or near the value estimated. The fair values were estimated using the following weighted average assumptions:

	2001 Grants	2000 Grants	1999 Grants
Expected dividend yield	0.91%	1.30%	1.52%
Expected stock price volatility	33.75%	32.43%	29.80%
Risk-free interest rate	4.84%	6.36%	5.34%
Expected life of options	5.25 years	5.5 years	5.5 years

Ball accounts for its stock-based employee compensation programs using the intrinsic value method prescribed by APB Opinion No. 25, "Accounting for Stock Issued to Employees." If we had elected to recognize compensation based upon the calculated fair value of the options granted after 1994, pro forma net earnings and earnings per share would have been:

(\$ in millions, except per share amounts)	Years ended December 31,		
	2001	2000	1999
As reported:			
Net earnings (loss)	\$ (99.2)	\$ 68.2	\$ 104.2
Basic earnings (loss) per share	(1.85)	1.13	1.68
Diluted earnings (loss) per share	(1.85)	1.07	1.58
Pro forma results:			
Net earnings (loss)	\$ (102.8)	\$ 65.6	\$ 100.6
Basic earnings (loss) per share	(1.92)	1.09	1.62
Diluted earnings (loss) per share	(1.92)	1.03	1.52

14. Subsequent Event – Two-for-One Stock Split

On January 23, 2002, the company's board of directors declared a two-for-one split of our stock, increased the next quarterly dividend and authorized the repurchase of additional common shares. The stock split was effective February 22, 2002, for all shareholders of record on February 1, 2002. As a result of the stock split, all amounts related to earnings, options and outstanding shares have been retroactively restated as if the split had occurred as of January 1, 1999.

F-34

15. Earnings per Share

The following table provides additional information on the computation of earnings per share amounts. Share and per share information have been retroactively restated for the two-for-one stock split discussed in Note 14.

(\$ in millions, except per share amounts)	Years ended December 31,		
	2001	2000	1999
Basic Earnings per Share			
Net earnings (loss)	\$ (99.2)	\$ 68.2	\$ 104.2
Preferred dividends, net of tax	(2.0)	(2.6)	(2.7)
Earnings (loss) attributable to common shareholders	\$ (101.2)	\$ 65.6	\$ 101.5
Weighted average common shares (000s)	54,880	58,080	60,340
Basic earnings (loss) per share	\$ (1.85)	\$ 1.13	\$ 1.68
Diluted Earnings per Share			
Net earnings (loss)	\$ (99.2)	\$ 68.2	\$ 104.2
Adjustments for deemed ESOP cash contribution in lieu of the ESOP Preferred dividend	(1.4)	(2.0)	(2.0)
Adjusted earnings (loss) attributable to common shareholders	\$ (100.6)	\$ 66.2	\$ 102.2
Weighted average common shares (000s)	54,880	58,080	60,340
Effect of dilutive securities:			
Dilutive effect of stock options and restricted shares	896	512	952
Common shares issuable upon conversion of the ESOP Preferred stock	3,082	3,442	3,608
Weighted average shares applicable to diluted earnings per share	58,858	62,034	64,900
Diluted earnings (loss) per share	\$ (1.85)	\$ 1.07	\$ 1.58

The following options have been excluded for the respective years from the computation of the diluted earnings per share calculation since they were anti-dilutive (i.e., the exercise price exceeded the average closing market price of common stock for the year):

Exercise Price	Expiration	2001	2000	1999
\$ 17.500	2008	–	490,000	–
17.813	2005	–	257,700	–
17.969	2008	–	561,100	–
22.156	2008	–	197,500	–
27.563	2009	403,470	484,676	519,300
Various	Various	–	71,892	–
Total		403,470	2,062,868	519,300

F-35

16. Financial Instruments and Risk Management

Policies and Procedures

In the ordinary course of business we employ established risk management policies and procedures to reduce our exposure to commodity price changes, changes in interest rates, fluctuations in foreign currencies and the company's common share repurchase program.

Unrealized gains and losses on outstanding derivative contracts are recorded in the balance sheet as other current assets or other current liabilities. The effective portion of cash flow hedges is recorded in other comprehensive earnings and the ineffective portion, if any, is charged directly against earnings. For a derivative designated as a fair value hedge, the gain or loss is recognized in earnings in the period of change together with the offsetting gain or loss on the hedged item. Realized gains and losses from hedges are classified in the income statement consistent with the accounting treatment of the item being hedged. Gains and losses upon the early termination of effective derivative contracts are deferred in other comprehensive earnings and amortized to earnings in the same period as the originally hedged item affects earnings.

Commodity Price Risk

Our objective in managing our exposure to commodity price changes is to limit the impact of raw material price changes on earnings and cash flow through arrangements with customers and suppliers, and, at times, through the use of certain derivative instruments such as options and forward contracts designated as hedges. We manage our commodity price risk in connection with market price fluctuations of aluminum primarily by entering into can and end sales contracts, which include aluminum-based pricing terms that consider price fluctuations under our commercial supply contracts for aluminum purchases. The terms include "band" pricing where there is an upper and lower limit, a fixed price or only an upper limit to the aluminum component pricing. This matched pricing affects substantially all of our North American metal beverage packaging net sales.

At December 31, 2001, the company had aluminum forward contracts with notional amounts of \$249 million hedging its aluminum purchase contracts. These forward contract agreements expire in less than one year and up to three years. Included in shareholders' equity at December 31, 2001, within accumulated other comprehensive loss, is a net loss of \$5 million associated with these contracts, \$6 million of which is expected to be recognized in the consolidated statement of earnings during 2002 and will be offset by higher revenue from fixed price sales contracts. At December 31, 2000, the company had aluminum forward contracts with notional amounts of \$124 million hedging the aluminum in the aluminum purchase contracts.

The company's equity joint ventures also had aluminum forward contracts with notional amounts of \$29 million and \$20 million hedging aluminum purchase contracts at December 31, 2001 and 2000, respectively. The forward contract agreements at December 31, 2001, expire at various times up to two years.

Interest Rate Risk

Our objective in managing our exposure to interest rate changes is to limit the impact of interest rate changes on earnings and cash flows and to lower our overall borrowing costs. We manage this primarily through the use of cash flow hedges and, at times, derivatives that limit the cash flow impact but not necessarily the earnings impact in cases where they do not qualify for favorable accounting treatment. To achieve these objectives, we use a variety of interest rate swaps, collars and options to manage our mix of floating and fixed-rate debt. Interest rate instruments held by the company at December 31, 2001, included pay-floating and pay-fixed interest rate swaps and swaption contracts. Pay-fixed swaps convert floating rate obligations to fixed rate instruments. Pay-floating swaps convert

F-36

fixed-rate obligations to variable rate instruments. Swap agreements expire at various times up to five years. Although these instruments involve varying degrees of credit and interest risk, the counter parties to the agreements involve financial institutions, which are expected to perform fully under the terms of the agreements.

Interest rate swap agreements outstanding at December 31, 2001, had notional amounts of \$210 million at a floating rate and \$442 million at a fixed rate, or a net fixed position of \$232 million. Approximately \$3 million of loss associated with these contracts is included in other accumulated comprehensive loss at December 31, 2001. Of this amount approximately \$1 million is expected to be recognized in the consolidated statement of earnings during 2002. At December 31, 2000, the agreements had notional amounts of \$10 million at a floating rate and \$154 million at a fixed rate, or a net fixed position of \$144 million.

The fair value of all non-derivative financial instruments approximates their carrying amounts with the exception of long-term debt. Rates currently available to the company for loans with similar terms and maturities are used to estimate the fair value of long-term debt based on discounted cash flows. The fair value of derivatives generally reflects the estimated amounts that we would pay or receive upon termination of the contracts at December 31, 2001 and 2000, taking into account any unrealized gains and losses on open contracts.

(\$ in millions)	2001		2000	
	Carrying Amount	Fair Value	Carrying Amount	Fair Value
Long-term debt	\$ 1,016.1	\$ 1,042.2	\$ 1,078.8	\$ 1,059.4
Unrealized net gain (loss) on derivative contracts relating to debt	—	(6.1)	—	1.3

Exchange Rate Risk

Our objective in managing exposure to foreign currency fluctuations is to protect foreign cash flow and reduce earnings volatility associated with foreign exchange rate changes through the use of cash flow hedges. Our primary foreign currency risk exposures result from the strengthening of the U.S. dollar against the Hong Kong dollar, Canadian dollar, Chinese renminbi, Thai baht and Brazilian real. We face currency exposures in our global operations as a result of maintaining U.S. dollar debt and payables in these foreign countries. We use forward contracts to manage our foreign currency exposures and, as a result, gains and losses on these derivative positions offset, in part, the impact of currency fluctuations on the existing assets and liabilities.

Shareholders' Equity

In connection with the company's ongoing share repurchase program, from time to time we sell put options which give the purchaser of those options the right to sell shares of the company's common stock to the company on specified dates at specified prices upon the exercise of those options. The put option contracts allow us to determine the method of settlement, either in cash or shares. As such, the contracts are considered equity instruments and changes in the fair value are not recognized in our financial statements. Our objective in selling put options is to lower the average purchase price of acquired shares in connection with the share repurchase program. At December 31, 2001, there were put option contracts outstanding for 250,000 shares at an average price of \$29.04 per share. During 2001 we received \$0.6 million in premiums for option contracts of which all are still outstanding. The premiums received are shown as a reduction in treasury stock.

Also in connection with the ongoing share repurchase program, in 2001 we entered into a forward share repurchase agreement to purchase shares of the company's common stock. In January 2002, we

F-37

purchased 736,800 shares under this agreement at an average price of \$33.58 per share. We also entered into a share repurchase agreement during 2000 under which we purchased 1,160,600 shares during the year at an average price of \$17.25, and the remainder of 1,021,000 shares in January 2001 at an average price of \$17.58 per share.

New Accounting Pronouncement

Effective January 1, 2001, we adopted Statement of Financial Accounting Standards (SFAS) No. 133, "Accounting for Derivative Instruments and Hedging Activities," and SFAS No. 138, an amendment of SFAS No. 133. These statements establish accounting and reporting standards for derivative instruments, including certain derivative instruments embedded in other contracts, and for hedging activities. All derivative instruments, whether designated in hedging relationships or not, are required to be recorded on the balance sheet at fair value. The effective portions of changes in the fair value of derivative instruments designated as cash flow hedges are recorded in other comprehensive earnings and are recognized in earnings when the hedged item affects earnings. Ineffective portions of changes in the fair value of cash flow hedges are recognized in current period earnings. The adoption of this standard did not have a significant impact on the company's earnings or financial position.

17. Quarterly Results of Operations (Unaudited)

The company's fiscal quarters end on the Sunday nearest the calendar quarter end. The fiscal years end on December 31.

2001 Quarterly Information

During the second quarter of 2001, the company recorded a \$237.7 million pretax charge (\$185 million after tax and minority interest impact) for the reorganization of its business in the PRC as well as a \$16 million pretax charge associated with the cessation of operations in two commercial aerospace and technologies segment developmental product lines. A fourth quarter pretax charge of \$24.7 million was recorded in connection with the closure of a comparatively high cost beverage can manufacturing facility, which was partially offset by a \$7.2 million reversal of the charges taken in the second quarter for the PRC and aerospace and technologies business consolidation activities.

F-38

2000 Quarterly Information

The company recorded an \$83.4 million pretax charge (\$55 million after tax, minority interests and equity earnings impacts) in the second quarter for packaging business consolidation and investment exit activities. Additional details about the charge, credits and related activities are provided in Note 3.

(\$ in millions, except per share amounts)

	First Quarter	Second Quarter	Third Quarter	Fourth Quarter	Total
2001					
Net sales (a)	\$ 850.0	\$ 992.6	\$ 1,000.5	\$ 843.0	\$ 3,686.1
Gross profit(b)	95.1	107.0	116.1	94.9	413.1
Net earnings (loss)	18.5	(162.1)	36.3	8.1	(99.2)
Preferred dividends, net of tax	(0.6)	(0.6)	(0.6)	(0.2)	(2.0)
Earnings (loss) attributable to common shareholders	\$ 17.9	\$ (162.7)	\$ 35.7	\$ 7.9	\$ (101.2)
Basic earnings (loss) per share (c)	\$ 0.33	\$ (2.96)	\$ 0.65	\$ 0.14	\$ (1.85)
Diluted earnings (loss) per share (c)	\$ 0.31	\$ (2.96)	\$ 0.61	\$ 0.14	\$ (1.85)
2000					
Net sales (a)	\$ 846.0	\$ 995.0	\$ 996.0	\$ 827.7	\$ 3,664.7
Gross profit(b)	102.6	127.0	134.1	103.1	466.8
Net earnings	20.0	(15.4)	44.5	19.1	68.2
Preferred dividends, net of tax	(0.6)	(0.7)	(0.6)	(0.7)	(2.6)
Earnings attributable to common shareholders	\$ 19.4	\$ (16.1)	\$ 43.9	\$ 18.4	\$ 65.6
Basic earnings (loss) per share (c)	\$ 0.33	\$ (0.27)	\$ 0.76	\$ 0.33	\$ 1.13
Diluted earnings (loss) per share (c)	\$ 0.31	\$ (0.27)	\$ 0.71	\$ 0.31	\$ 1.07

(a) EITF No. 00-10, which requires that shipping and handling fees be reported as a component of cost of sales, was adopted in the fourth quarter of 2000. The effect of this guidance resulted in offsetting increases in sales and cost of sales for both years. See Note 1 for more details.

(b) Gross profit is shown after depreciation and amortization of \$130.8 million and \$133.8 million for the years ended December 31, 2001, and 2000, respectively.

(c) Amounts have been retroactively restated for the two-for-one stock split discussed in Note 14.

Earnings per share calculations for each quarter are based on the weighted average shares outstanding for that period. As a result, the sum of the quarterly amounts may not equal the annual earnings per share amount. The diluted loss per share for the year 2001 and the second quarters of 2001 and 2000 is the same as the net loss per basic share because

the assumed exercise of dilutive securities would have been antidilutive, in effect reducing losses per share.

18. Research and Development

Research and development costs are expensed as incurred in connection with the company's internal programs for the development of products and processes. Costs incurred in connection with these programs, a portion of which is included in cost of sales, amounted to \$14.9 million, \$14.4 million and \$14 million for the years 2001, 2000 and 1999, respectively. The majority of these costs were incurred in the company's aerospace and technologies segment.

F-39

19. Contingencies

The company is subject to various risks and uncertainties in the ordinary course of business due, in part, to the competitive nature of the industries in which we participate, our operations in developing markets outside the U.S., changing commodity prices for the materials used in the manufacture of our products and changing capital markets. Where practicable, we attempt to reduce these risks and uncertainties through the establishment of risk management policies and procedures, including, at times, the use of certain derivative financial instruments.

From time to time, the company is subject to routine litigation incident to its business. Additionally, the U.S. Environmental Protection Agency has designated Ball as a potentially responsible party, along with numerous other companies, for the cleanup of several hazardous waste sites. Our information at this time does not indicate that these matters will have a material adverse effect upon the liquidity, results of operations or financial condition of the company.

F-40

Unaudited Condensed Consolidated Statements of Earnings

Ball Corporation and Subsidiaries

(\$ in millions)	Three Months Ended		Nine Months Ended	
	September 29, 2002	September 30, 2001	September 29, 2002	September 30, 2001
Net sales	\$ 1,038.6	\$ 1,000.5	\$ 2,948.7	\$ 2,843.1
Costs and expenses				
Cost of sales (excluding depreciation and amortization)	866.8	853.0	2,475.4	2,426.7
Depreciation and amortization (Notes 8 and 9)	36.2	37.6	109.0	114.7
Business consolidation costs (Note 5)	–	–	–	253.7
Selling and administrative expenses	41.3	30.7	117.0	91.6
Receivable securitization fees and other (Note 6)	0.9	1.7	2.8	8.7
	945.2	923.0	2,704.2	2,895.4
Earnings (loss) before interest and taxes	93.4	77.5	244.5	(52.3)
Interest expense	18.8	21.6	55.1	68.5
Earnings (loss) before taxes	74.6	55.9	189.4	(120.8)
Provision for taxes	(26.1)	(19.6)	(66.3)	11.3
Minority interests	(0.6)	(0.5)	(1.4)	0.7
Equity in earnings of affiliates	2.1	0.5	5.7	1.5
Net earnings (loss)	50.0	36.3	127.4	(107.3)
Preferred dividends, net of tax	–	(0.6)	–	(1.8)
Earnings (loss) attributable to common	\$ 50.0	\$ 35.7	\$ 127.4	\$ (109.1)

shareholders

Basic earnings (loss) per share (Note 12)(a)	\$	0.89	\$	0.65	\$	2.26	\$	(1.99)
Diluted earnings (loss) per share (Note 12)(a)	\$	0.87	\$	0.61	\$	2.21	\$	(1.99)
Cash dividends declared per common share(a)	\$	0.09	\$	0.075	\$	0.27	\$	0.225

See accompanying notes to unaudited condensed consolidated financial statements.

(a) Share amounts have been retroactively restated for the two-for-one stock split discussed in Note 14.

F-41

Unaudited Condensed Consolidated Balance Sheets

Ball Corporation and Subsidiaries

(\$ in millions)	September 29, 2002	December 31, 2001
ASSETS		
Current assets		
Cash and cash equivalents	\$ 58.2	\$ 83.1
Accounts receivable, net (Note 6)	299.4	172.0
Inventories, net (Note 7)	397.6	449.3
Deferred income tax benefits and prepaid expenses	64.5	89.1
Total current assets	819.7	793.5
Property, plant and equipment, net (Note 8)	931.3	904.4
Goodwill (Note 9)	355.8	357.8
Intangibles and other assets (Note 9)	275.3	257.9
Total Assets	\$ 2,382.1	\$ 2,313.6
LIABILITIES AND SHAREHOLDERS' EQUITY		
Current liabilities		
Short-term debt and current portion of long-term debt (Note 10)	\$ 134.1	\$ 115.0
Accounts payable	287.1	258.5
Accrued employee costs and other current liabilities	242.7	201.2
Total current liabilities	663.9	574.7
Long-term debt (Note 10)	888.9	949.1
Employee benefit obligations, deferred income taxes and other noncurrent liabilities	282.2	276.0
Total liabilities	1,835.0	1,799.8
Contingencies (Note 13)		
Minority interests	5.5	9.7
Shareholders equity		
Common stock (77,059,607 shares issued – 2002; 75,707,774 shares issued – 2001)(a)	508.8	478.9
Retained earnings	522.2	410.0
Accumulated other comprehensive loss	(54.0)	(43.7)
Treasury stock, at cost (20,233,981 shares – 2002; 17,890,596 shares – 2001)(a)	(435.4)	(341.1)
Total shareholders' equity	541.6	504.1
Total Liabilities and Shareholders' Equity	\$ 2,382.1	\$ 2,313.6

See accompanying notes to unaudited condensed consolidated financial statements.

(a) Share amounts have been retroactively restated for the two-for-one stock split discussed in Note 14.

Unaudited Condensed Consolidated Statements of Cash Flows
Ball Corporation and Subsidiaries

<i>(\$ in millions)</i>	Nine Months Ended	
	September 29, 2002	September 30, 2001
Cash flows from operating activities		
Net earnings (loss)	\$ 127.4	\$ (107.3)
Noncash charges to net earnings:		
Depreciation and amortization	109.0	114.7
Business consolidation costs, net of related earnings in equity affiliates and minority interests	–	251.2
Deferred income taxes	8.1	22.6
Other, net	(4.0)	(23.8)
Changes in working capital components	10.9	(152.9)
Net cash provided by operating activities	251.4	104.5
Cash flows from investing activities		
Additions to property, plant and equipment	(87.7)	(49.5)
Acquisitions of previously leased assets	(43.1)	–
Investments and other, net	(18.9)	19.0
Net cash used in investing activities	(149.7)	(30.5)
Cash flows from financing activities		
Repayments of long-term borrowings	(50.2)	(39.0)
Change in short-term borrowings	3.9	28.6
Common dividends	(15.3)	(14.4)
Net proceeds from issuance of common stock under various employee and shareholder plans	29.3	23.4
Acquisitions of treasury stock	(94.3)	(58.1)
Other, net	–	(3.7)
Net cash used in financing activities	(126.6)	(63.2)
Net Change in Cash and Cash Equivalents	(24.9)	10.8
Cash and Cash Equivalents – Beginning of Period	83.1	25.6
Cash and Cash Equivalents – End of Period	\$ 58.2	\$ 36.4

See accompanying notes to unaudited condensed consolidated financial statements.

Ball Corporation and Subsidiaries
September 29, 2002

NOTES TO UNAUDITED CONDENSED CONSOLIDATED FINANCIAL STATEMENTS

1. General

The accompanying condensed consolidated financial statements include the accounts of Ball Corporation and its controlled affiliates (collectively Ball, the company, we or our) and have been prepared by the company without audit. Certain information and footnote disclosures, including significant accounting policies, normally included in financial statements prepared in accordance with generally accepted accounting principles have been condensed or omitted. The preparation of financial statements in conformity with generally accepted accounting principles requires management to make estimates and assumptions that affect the reported amounts of assets and liabilities and disclosure of contingent assets and liabilities at the date of the financial statements, and reported amounts of revenues and expenses during the reporting period. These estimates are based on historical experience and various other assumptions believed to be reasonable under the circumstances. Actual results could differ from these estimates under different assumptions and conditions. However, we believe that the financial statements reflect all adjustments, which are of a normal recurring nature and are necessary for a fair statement of the results for the interim period.

Results of operations for the periods shown are not necessarily indicative of results for the year, particularly in view of the seasonality in the packaging segment. We suggest that these unaudited condensed consolidated financial statements and accompanying notes be read in conjunction with the consolidated financial statements and the notes thereto included in our company's latest annual report.

Certain prior-year amounts have been reclassified in order to conform to the current-year presentation.

2. New Accounting Standards

In June 2002 the Financial Accounting Standards Board (FASB) issued Statements of Financial Accounting Standards (SFAS) No. 146, "Accounting for Costs Associated with Exit or Disposal Activities," which is effective for Ball in 2003 on a prospective basis. The statement supersedes Emerging Issues Task Force Issue No. 94-3 and revises the definition of the incurrence and timing of a liability associated with an exit or disposal activity not related to a newly acquired entity.

In May 2002 the FASB issued SFAS No. 145, "Rescission of FASB Statements No. 4, 44, and 64, Amendment of FASB Statement No. 13, and Technical Corrections as of April 2002." This statement affects Ball primarily in its rescission of SFAS No. 4, "Reporting Gains and Losses from Extinguishment of Debt," which required all such gains and losses be reported as extraordinary items. Under SFAS No. 145, these items are to be reported as extraordinary items only if they meet the requirements established under Accounting Principles Board (APB) Opinion No. 30. This statement is not effective for Ball until 2003; however, it requires that amounts previously reported as extraordinary items be reevaluated in accordance with APB No. 30 and reclassified as appropriate. The effect of adopting this standard has not yet been determined.

In August 2001 the FASB issued SFAS No. 144, "Accounting for the Impairment or Disposal of Long-Lived Assets," which supersedes SFAS No. 121, "Accounting for the Impairment of Long-Lived Assets and for Long-Lived Assets to Be Disposed Of." This statement was effective for Ball beginning January 1, 2002. There was no financial impact upon adoption of this standard.

The FASB recently issued SFAS No. 141, "Business Combinations," and SFAS No. 142, "Goodwill and Other Intangible Assets." SFAS No. 141 requires that the purchase method be used for business

F-44

combinations. Its provisions became effective for acquisitions after June 30, 2001. SFAS No. 142 establishes accounting guidelines for intangible assets acquired outside of a business combination. It also addresses how goodwill and other intangible assets are to be accounted for after initial recognition in the financial statements. In general, goodwill and certain intangible assets will no longer be amortized but will be tested periodically for impairment. Resulting write-downs, if any, will be recognized in the statement of earnings. This statement became effective for Ball beginning January 1, 2002. We have performed the required impairment tests for the adoption of SFAS No. 142 and have determined that no impairment exists at this time. The impact of not amortizing goodwill in the first nine months of 2002 increased diluted earnings per share by 12 cents. Full-year earnings are expected to increase by approximately \$8 million after tax, or fifteen cents per diluted share, due to this accounting change.

3. Business Segment Information

Ball's operations are organized along its product lines and include two segments – the packaging segment and the aerospace and technologies segment. The accounting policies of the segments are the same as those in the unaudited condensed consolidated financial statements. A discussion of the company's accounting policies can be found in Ball's 2001 annual report.

Packaging

The packaging segment includes the manufacture and sale of metal container products used primarily in beverage and food packaging and PET (polyethylene terephthalate) plastic container products used principally in beverage packaging. Our consolidated packaging operations are located in and serve North America and Asia, primarily the People's Republic of China (PRC). We also have investments in packaging companies in the U.S., the PRC, Brazil and Thailand, which are accounted for using the equity method of accounting, and, accordingly, those results are not included in segment earnings or assets.

F-45

Aerospace and Technologies

The aerospace and technologies segment includes the manufacture and sale of aerospace and other related products and services used primarily in the defense, civil space and commercial space industries.

Summary of Business by Segment (\$ in millions)	Three Months Ended		Nine Months Ended	
	September 29, 2002	September 30, 2001	September 29, 2002	September 30, 2001
Net Sales				
North American metal beverage	\$ 594.4	\$ 572.8	\$ 1,730.6	\$ 1,685.4
North American metal food	192.0	189.2	477.0	479.2
North American plastic containers	96.3	77.8	276.2	224.6
International packaging	28.4	44.0	93.8	134.3
Total packaging	911.1	883.8	2,577.6	2,523.5
Aerospace and technologies	127.5	116.7	371.1	319.6
Consolidated net sales	\$ 1,038.6	\$ 1,000.5	\$ 2,948.7	\$ 2,843.1
Consolidated Net Earnings				
Packaging	\$ 91.1	\$ 73.7	\$ 236.3	\$ 193.2
Business consolidation costs (Note 5)	–	–	–	(237.7)
Total packaging	91.1	73.7	236.3	(44.5)

Aerospace and technologies	9.6	9.2	31.1	22.7
Business consolidation costs (Note 5)	—	—	—	(16.0)
Total aerospace and technologies	9.6	9.2	31.1	6.7
Segment earnings (loss) before interest and taxes	100.7	82.9	267.4	(37.8)
Corporate undistributed expenses, net	(7.3)	(5.4)	(22.9)	(14.5)
Earnings (loss) before interest and taxes	93.4	77.5	244.5	(52.3)
Interest expense	(18.8)	(21.6)	(55.1)	(68.5)
Provision for taxes	(26.1)	(19.6)	(66.3)	11.3
Minority interests	(0.6)	(0.5)	(1.4)	0.7
Equity in earnings of affiliates	2.1	0.5	5.7	1.5
Consolidated net earnings (loss)	\$ 50.0	\$ 36.3	\$ 127.4	\$ (107.3)

(\$ in millions)	September 29,	
	2002	December 31, 2001
Segment Assets		
Packaging	\$ 2,647.1	\$ 2,579.0
Aerospace and technologies	205.1	179.8
Total segment assets	2,852.2	2,758.8
Corporate net investment and eliminations	(470.1)	(445.2)
Total consolidated assets	\$ 2,382.1	\$ 2,313.6

F-46

4. Acquisitions

On August 29, 2002, we agreed to acquire 100% of the capital stock of Schmalbach-Lubeca AG (Schmalbach) for an estimated cash purchase price of €900 and the assumption of certain liabilities. The final purchase price will be subject to working capital and other adjustments. Schmalbach is the second largest metal beverage can manufacturer in Europe with operations consisting of 12 plants in five European countries, a headquarters office in Ratingen, Germany, and a research and development facility located in Bonn, Germany. The acquisition is expected to be finalized by the end of 2002 or early 2003 and will be financed through new borrowings, which will also be used to refinance a portion of our existing bank debt.

On December 28, 2001, Ball acquired substantially all of the assets of Wis-Pak Plastics, Inc. (Wis-Pak) for approximately \$27.5 million. Additional payments of up to \$10 million in total, including interest, are contingent upon the future performance of the acquired business through 2006. The contingent purchase price component is being recognized as the performance levels are achieved. Under the acquisition agreement, Ball entered into a ten-year agreement to supply 100 percent of Wis-Pak's annual PET container requirements, which are currently 550 million containers. The company announced in July 2002 that it will close one of the two acquired plants before the end of 2002. The after-tax cash costs associated with this closure are estimated to be less than \$1 million.

5. Business Consolidation Costs

In June 2001 Ball announced the reorganization of its PRC packaging business. As a part of the reorganization plan, we have exited the general line metal can business and have closed one PRC beverage can plant. We are in the process of closing another PRC beverage can plant and relocating production equipment. These remaining actions are expected to be completed by the end of 2002. A \$237.7 million pretax charge (\$185 million after tax and minority interest impact) was recorded in connection with this reorganization. The charge was comprised of: (1) \$90.3 million to write-down fixed assets and related spare parts held for sale to net realizable value, including estimated costs to sell them; (2) \$64.4 million of goodwill to estimated recoverable amounts; (3) \$28.8 million for the acquisition of minority partner interests and write-off of unrecoverable equity investments; (4) \$24 million of accounts receivable deemed uncollectible and inventories deemed unsalable, both as a direct result of the exit plan; (5) \$13 million of severance cost and other employee benefits and (6) \$17.2 million of decommissioning costs, miscellaneous taxes and other exit costs. Based on current estimates, positive cash flow of approximately \$29 million, including tax recoveries, is expected upon the completion of the reorganization plan.

Also in the second quarter of 2001, we ceased operations in two commercial developmental product lines in our aerospace and technologies segment. A pretax charge of \$16 million (\$9.7 million after tax) was recorded in the second quarter of 2001. The charge was comprised of: (1) \$10 million of accounts receivable deemed uncollectible and inventories deemed unsalable, both as a direct result of the exit plan; (2) \$2 million to write-down fixed assets held for sale to net realizable value, including estimated costs to sell; (3) \$3.6 million of decommissioning and other exit costs and (4) \$0.4 million of severance and other employee benefit costs.

In November 2001 Ball announced the closure of its Moultrie, Georgia, plant to address overcapacity in the aluminum beverage can industry in North America. The plant was closed in December and the company recorded a pre-tax charge of \$24.7 million (\$15 million after tax). The charge included: (1) \$15.8 million for the write-down of fixed assets held for sale and related machinery spare parts inventory to estimated net realizable value, including estimated costs to sell; (2) \$4.7 million for severance and other employee benefit costs; (3) \$3.2 million for other assets and decommissioning costs; and (4) \$1 million for contractual pension and retirement obligations which have been included in the appropriate liability accounts. This charge was offset in part by the reversal of \$7.2 million

F-47

(\$4.5 million after tax) of the June 2001 restructuring charge, primarily due to original estimates exceeding net actual costs as activities were concluded.

Severance and other benefit costs related to the above actions in the PRC and the U.S. are associated with 1,592 former employees, primarily manufacturing and administrative personnel. The carrying value of fixed assets remaining for sale in connection with the 2001 charges is less than \$1 million.

The following table summarizes the activity related to the 2001 restructuring and plant closing costs during 2002:

<i>(\$ in millions)</i>	Pension/ Employee Costs	Other Assets/ Costs	Total
Balance at December 31, 2001	\$ 8.7	\$ 16.6	\$ 25.3
Payments	(3.8)	(5.2)	(9.0)
Balance at September 29, 2002	\$ 4.9	\$ 11.4	\$ 16.3

In the second quarter of 2000, the company recorded an \$83.4 million pre-tax charge (\$55 million after tax, minority interests and equity earnings impact) for packaging business consolidation and investment exit activities in North America and the PRC. The carrying value of fixed assets remaining for sale in connection with the 2000 business exit activities, as well as the remaining integration activities related to a 1998 acquisition, was approximately \$5.7 million at September 29, 2002. The remaining accrued employee severance and other exit costs at September 29, 2002, were less than \$1 million.

Subsequent changes to the estimated costs of the 2001 and 2000 business consolidation activities, if any, will be included in current-period earnings.

6. Receivables Sales Agreement

A receivables sales agreement provides for the ongoing, revolving sale of a designated pool of trade accounts receivable of Ball's U.S. packaging operations. In June 2002 the designated pool of receivables was increased to provide for sales of up to \$175 million from the previous amount of \$125 million. Net funds received from the sale of the accounts receivable totaled \$157.5 million at September 29, 2002, and \$122.5 million at September 30, 2001. Fees incurred in connection with the sale of accounts receivable, which were lower in 2002 due to a decrease in interest rates, totaled \$0.9 million and \$2.3 million for the third quarter and first nine months of 2002, respectively, and \$1.2 million and \$4.6 million for the same periods in 2001.

7. Inventories

<i>(\$ in millions)</i>	September 29, 2002	December 31, 2001
Raw materials and supplies	\$ 127.5	\$ 148.9
Work in process and finished goods	270.1	300.4
	\$ 397.6	\$ 449.3

F-48

8. Property, Plant and Equipment

<i>(\$ in millions)</i>	September 29, 2002	December 31, 2001
Land	\$ 49.6	\$ 49.5
Buildings	495.3	456.8
Machinery and equipment	1,455.7	1,398.5
	2,000.6	1,904.8
Accumulated depreciation	(1,069.3)	(1,000.4)
	\$ 931.3	\$ 904.4

Depreciation expense amounted to \$35.3 million and \$106.3 million for the three- and nine-month periods ended September 29, 2002, respectively, and \$34.3 million and \$103.3 million for the comparable periods ended September 30, 2001, respectively.

9. Goodwill, Intangibles and Other Assets

<i>(\$ in millions)</i>	September 29, 2002	December 31, 2001
Goodwill (net of accumulated amortization of \$65.2 at September 29, 2002, and December 31, 2001)	\$ 355.8	\$ 357.8
Prepaid pension	110.4	101.0
Investments in affiliates	79.0	68.8
Intangibles (net of accumulated amortization of \$15.5 at September 29, 2002, and \$12.7 at December 31, 2001)	13.6	11.1
Other	72.3	77.0
	275.3	257.9
	\$ 631.1	\$ 615.7

Total amortization expense amounted to \$0.9 million and \$2.7 million for the third quarter and first nine months of 2002, respectively, and \$3.3 million and \$11.4 million for the same periods in 2001, respectively, of which \$2.4 million and \$8.2 million related to the amortization of goodwill in the 2001 periods. Based on intangible assets as of September 29, 2002, total annual intangible asset amortization expense is expected to be between \$3 million and \$4 million in each of the next five years. The change in goodwill from December 31, 2001, is a combination of the reclassification of certain items to other intangible assets as valuations related to the Wis-Pak acquisition were finalized, the buyout of certain minority interest partners in the PRC and the effects of currency translation.

F-49

The following table summarizes the pro forma earnings and per share impact of not amortizing goodwill during 2001:

(\$ in millions, except per share amounts)	Three Months Ended		Nine Months Ended	
	September 29, 2002	September 30, 2001	September 29, 2002	September 30, 2001
Net earnings (loss), as reported	\$ 50.0	\$ 36.3	\$ 127.4	\$ (107.3)
Add back goodwill amortization, net of tax	–	2.1	–	7.0
Adjusted net earnings	\$ 50.0	\$ 38.4	\$ 127.4	\$ (100.3)
<i>Basic Earnings per Share</i>				
Basic earnings (loss) per share, as reported	\$ 0.89	\$ 0.65	\$ 2.26	\$ (1.99)
Add back goodwill amortization, net of tax	–	0.03	–	0.12
Adjusted basic earnings (loss) per share	\$ 0.89	\$ 0.68	\$ 2.26	\$ (1.87)
<i>Diluted Earnings per Share</i>				
Diluted earnings (loss) per share, as reported	\$ 0.87	\$ 0.61	\$ 2.21	\$ (1.99)
Add back goodwill amortization, net of tax	–	0.03	–	0.12
Adjusted diluted earnings (loss) per share	\$ 0.87	\$ 0.64	\$ 2.21	\$ (1.87)

10. Debt

Debt includes \$300 million of 7.75% Senior Notes due in 2006, \$250 million of 8.25% Senior Subordinated Notes due in 2008 and borrowings under a Senior Credit Facility, which bear interest at variable rates. At September 29, 2002, approximately \$459 million was available under the revolving credit facility portion of the Senior Credit Facility.

Ball has provided a completion guarantee representing 50 percent of the \$27.1 million of debt issued by our Brazilian joint venture that was used to fund the previous construction of facilities.

The company was not in default of any loan agreement at September 29, 2002, and has met all debt payment obligations.

Subsidiary Guarantees of Debt

The company's Senior Notes, Senior Subordinated Notes and Senior Credit Facility agreements are guaranteed on a full, unconditional and joint and several basis by certain of the company's wholly owned domestic subsidiaries. The following is condensed, consolidating financial information for the company, segregating the guarantor subsidiaries and non-guarantor subsidiaries, as of September 29, 2002, and December 31, 2001 (in millions of dollars). The presentation of certain prior-year amounts has been changed in order to conform to the current-year presentation. Separate financial statements for the guarantor subsidiaries and the non-guarantor subsidiaries are not presented because management has determined that such financial statements would not be material to investors.

F-50

CONSOLIDATED BALANCE SHEET					
September 29, 2002					
	Ball Corporation	Guarantor Subsidiaries	Non-Guarantor Subsidiaries	Eliminating Adjustments	Consolidated Total
ASSETS					
<i>Current assets</i>					
Cash and cash equivalents	\$ 44.1	\$ 0.7	\$ 13.4	\$ –	\$ 58.2
Accounts receivable, net	0.2	273.9	25.3	–	299.4
Inventories, net	–	330.9	66.7	–	397.6
Deferred income tax benefits and prepaid expenses	217.1	121.8	0.6	(275.0)	64.5
Total current assets	261.4	727.3	106.0	(275.0)	819.7

Property, plant and equipment, at cost	26.8	1,718.6	255.2	–	2,000.6
Accumulated depreciation	(14.4)	(935.2)	(119.7)	–	(1,069.3)
	12.4	783.4	135.5	–	931.3
Investments in subsidiaries	1,775.1	45.4	9.8	(1,830.3)	–
Investments in affiliates	7.2	22.4	49.4	–	79.0
Goodwill, net	–	318.9	36.9	–	355.8
Other assets	112.6	65.4	18.3	–	196.3
Total Assets	\$ 2,168.7	\$ 1,962.8	\$ 355.9	\$ (2,105.3)	\$ 2,382.1

LIABILITIES AND SHAREHOLDERS' EQUITY

Current liabilities

Short-term debt and current portion of long-term debt	\$ 82.0	\$ –	\$ 52.1	\$ –	\$ 134.1
Accounts payable	12.0	236.2	38.9	–	287.1
Accrued employee costs and other current liabilities	38.5	431.7	47.5	(275.0)	242.7
Total current liabilities	132.5	667.9	138.5	(275.0)	663.9
Long-term debt	878.8	10.1	–	–	888.9
Intercompany borrowings	473.9	165.4	59.6	(698.9)	–
Employee benefit obligations, deferred income taxes and other	141.9	83.7	56.6	–	282.2
Total liabilities	1,627.1	927.1	254.7	(973.9)	1,835.0

Contingencies					
Minority interests	–	–	5.5	–	5.5

Shareholders' Equity:

Convertible preferred stock	–	–	179.6	(179.6)	–
Preferred shareholders' equity	–	–	179.6	(179.6)	–
Common stock	508.8	724.6	239.2	(963.8)	508.8
Retained earnings (deficit)	522.2	334.5	(296.0)	(38.5)	522.2
Accumulated other comprehensive loss	(54.0)	(23.4)	(27.1)	50.5	(54.0)
Treasury stock, at cost	(435.4)	–	–	–	(435.4)
Common shareholders' equity (deficit)	541.6	1,035.7	(83.9)	(951.8)	541.6
Total shareholders' equity	541.6	1,035.7	95.7	(1,131.4)	541.6
Total Liabilities and Shareholders' Equity	\$ 2,168.7	\$ 1,962.8	\$ 355.9	\$ (2,105.3)	\$ 2,382.1

F-51

CONSOLIDATED BALANCE SHEET

	December 31, 2001				
	Ball Corporation	Guarantor Subsidiaries	Non-Guarantor Subsidiaries	Eliminating Adjustments	Consolidated Total
ASSETS					
Current assets					
Cash and cash equivalents	\$ 52.7	\$ 0.4	\$ 30.0	\$ –	\$ 83.1
Accounts receivable, net	1.6	142.6	27.8	–	172.0
Inventories, net	–	375.5	73.8	–	449.3
Deferred income tax benefits and prepaid expenses	183.3	126.2	1.6	(222.0)	89.1
Total current assets	237.6	644.7	133.2	(222.0)	793.5
Property, plant and equipment, at cost	25.9	1,620.2	258.7	–	1,904.8
Accumulated depreciation	(13.8)	(870.8)	(115.8)	–	(1,000.4)
	12.1	749.4	142.9	–	904.4
Investments in subsidiaries	1,637.8	57.9	9.8	(1,705.5)	–
Investments in affiliates	7.4	15.3	46.1	–	68.8
Goodwill, net	–	326.6	31.2	–	357.8
Other assets	106.2	65.5	17.4	–	189.1
Total Assets	\$ 2,001.1	\$ 1,859.4	\$ 380.6	\$ (1,927.5)	\$ 2,313.6
LIABILITIES AND SHAREHOLDERS' EQUITY					
Current liabilities					

Short-term debt and current portion of long-term debt	\$ 67.0	\$ -	\$ 48.0	\$ -	\$ 115.0
Accounts payable	4.1	215.7	38.7	-	258.5
Accrued employee costs and other current liabilities	54.4	324.9	43.9	(222.0)	201.2
Total current liabilities	125.5	540.6	130.6	(222.0)	574.7
Long-term debt	939.0	10.1	-	-	949.1
Intercompany borrowings	308.2	291.7	98.9	(698.8)	-
Employee benefit obligations, deferred income taxes and other	124.3	95.4	56.3	-	276.0
Total liabilities	1,497.0	937.8	285.8	(920.8)	1,799.8
Contingencies					
Minority interests	-	-	9.7	-	9.7
Shareholders' Equity:					
Convertible preferred stock	-	-	179.6	(179.6)	-
Preferred shareholders' equity	-	-	179.6	(179.6)	-
Common stock	478.9	724.5	239.2	(963.7)	478.9
Retained earnings (deficit)	410.0	207.8	(304.7)	96.9	410.0
Accumulated other comprehensive loss	(43.7)	(10.7)	(29.0)	39.7	(43.7)
Treasury stock, at cost	(341.1)	-	-	-	(341.1)
Common shareholders' equity	504.1	921.6	(94.5)	(827.1)	504.1
Total shareholders' equity	504.1	921.6	85.1	(1,006.7)	504.1
Total Liabilities and Shareholders' Equity	\$ 2,001.1	\$ 1,859.4	\$ 380.6	\$ (1,927.5)	\$ 2,313.6

F-52

CONSOLIDATED STATEMENT OF EARNINGS

For the Nine months Ended September 29, 2002

	Ball Corporation	Guarantor Subsidiaries	Non-Guarantor Subsidiaries	Eliminating Adjustments	Consolidated Total
Net sales	\$ -	\$ 2,854.9	\$ 281.3	\$ (187.5)	\$ 2,948.7
Costs and expenses					
Cost of sales (excluding depreciation and amortization)	-	2,425.2	237.7	(187.5)	2,475.4
Depreciation and amortization	1.5	94.9	12.6	-	109.0
Selling and administrative	19.2	83.0	14.8	-	117.0
Receivable securitization fees and other	-	3.0	(0.2)	-	2.8
Interest expense	40.9	7.7	6.5	-	55.1
Equity in net results of subsidiaries	(135.4)	-	-	135.4	-
Corporate allocations	(40.6)	40.6	-	-	-
	(114.4)	2,654.4	271.4	(52.1)	2,759.3
Earnings (loss) before taxes	114.4	200.5	9.9	(135.4)	189.4
Provision for taxes	13.2	(76.2)	(3.3)	-	(66.3)
Minority interests	-	-	(1.4)	-	(1.4)
Equity in net results of affiliates	(0.2)	2.4	3.5	-	5.7
Earnings (loss) attributable to common shareholders	\$ 127.4	\$ 126.7	\$ 8.7	\$ (135.4)	\$ 127.4

CONSOLIDATED STATEMENT OF EARNINGS

For the Nine months Ended September 30, 2001

	Ball Corporation	Guarantor Subsidiaries	Non-Guarantor Subsidiaries	Eliminating Adjustments	Consolidated Total
Net sales	\$ -	\$ 2,708.8	\$ 331.2	\$ (196.9)	\$ 2,843.1
Costs and expenses					
Cost of sales (excluding depreciation and amortization)	-	2,339.7	283.9	(196.9)	2,426.7
Depreciation and amortization	1.5	95.6	17.6	-	114.7
Business consolidation costs	-	16.0	237.7	-	253.7
Selling and administrative	8.7	63.7	19.2	-	91.6
Receivable securitization fees and other	-	9.0	(0.3)	-	8.7
Interest expense	46.0	18.2	4.3	-	68.5
Equity in net results of subsidiaries	151.1	-	-	(151.1)	-
Corporate allocations	(39.4)	39.4	-	-	-

	167.9	2,581.6	562.4	(348.0)	2,963.9
Earnings (loss) before taxes	(167.9)	127.2	(231.2)	151.1	(120.8)
Provision for taxes	60.7	(45.6)	(3.8)	–	11.3
Minority interests	–	–	0.7	–	0.7
Equity in net results of affiliates	(0.1)	(0.4)	2.0	–	1.5
Net earnings (loss)	(107.3)	81.2	(232.3)	151.1	(107.3)
Preferred dividends, net of tax	(1.8)	–	–	–	(1.8)
Earnings (loss) attributable to common shareholders	\$ (109.1)	\$ 81.2	\$ (232.3)	\$ 151.1	\$ (109.1)

F-53

CONSOLIDATED STATEMENT OF CASH FLOWS					
For the Nine months Ended September 29, 2002					
	Ball Corporation	Guarantor Subsidiaries	Non-Guarantor Subsidiaries	Eliminating Adjustments	Consolidated Total
Cash Flows from Operating Activities					
Net earnings (loss)	\$ 127.4	\$ 126.7	\$ 8.7	\$ (135.4)	\$ 127.4
Noncash charges to net earnings:					
Depreciation and amortization	1.5	94.9	12.6	–	109.0
Deferred income taxes	(15.4)	23.4	0.1	–	8.1
Equity in net results of subsidiaries	(135.4)	–	–	135.4	–
Other, net	14.7	(16.0)	(2.7)	–	(4.0)
Changes in working capital components	(16.4)	11.9	15.4	–	10.9
Net cash provided by (used in) operating activities	(23.6)	240.9	34.1	–	251.4
Cash Flows from Investing Activities					
Additions to property, plant and equipment	(2.1)	(80.3)	(5.3)	–	(87.7)
Acquisitions of previously leased assets	–	(43.1)	–	–	(43.1)
Investments in and advances to affiliates, net of dividends	152.8	(128.5)	(24.3)	–	–
Miscellaneous investments and other, net	(5.2)	11.3	(25.0)	–	(18.9)
Net cash provided by (used in) investing activities	145.5	(240.6)	(54.6)	–	(149.7)
Cash Flows from Financing Activities					
Repayments of long-term borrowings	(50.2)	–	–	–	(50.2)
Change in short-term borrowings	–	–	3.9	–	3.9
Common dividends	(15.3)	–	–	–	(15.3)
Proceeds from issuance of common stock under various employee and shareholder plans	29.3	–	–	–	29.3
Acquisitions of treasury stock	(94.3)	–	–	–	(94.3)
Net cash provided by (used in) financing activities	(130.5)	–	3.9	–	(126.6)
Net Change in Cash and Cash Equivalents	(8.6)	0.3	(16.6)	–	(24.9)
Cash and Cash Equivalents – Beginning of Period	52.7	0.4	30.0	–	83.1
Cash and Cash Equivalents – End of Period	\$ 44.1	\$ 0.7	\$ 13.4	\$ –	\$ 58.2

F-54

CONSOLIDATED STATEMENT OF CASH FLOWS					
For the Nine months Ended September 30, 2001					
	Ball Corporation	Guarantor Subsidiaries	Non-Guarantor Subsidiaries	Eliminating Adjustments	Consolidated Total
Cash Flows from Operating Activities					
Net earnings (loss)	\$ (107.3)	\$ 81.2	\$ (232.3)	\$ 151.1	\$ (107.3)
Noncash charges to net earnings:					
Depreciation and amortization	1.5	95.6	17.6	–	114.7
Business consolidation costs	–	16.0	235.2	–	251.2
Deferred income taxes	(25.6)	46.1	2.1	–	22.6
Equity in net results of subsidiaries	151.1	–	–	(151.1)	–
Other, net	9.7	(31.8)	(1.7)	–	(23.8)
Changes in working capital components	(50.5)	(104.7)	2.3	–	(152.9)
Net cash provided by (used in) operating activities	(21.1)	102.4	23.2	–	104.5

Cash Flows from Investing Activities					
Additions to property, plant and equipment	(2.2)	(36.2)	(11.1)	–	(49.5)
Investments in and advances to affiliates, net of dividends	114.1	(83.1)	(31.0)	–	–
Incentive loan receipts and other, net	(0.8)	17.2	2.6	–	19.0
Net cash provided by (used in) investing activities	111.1	(102.1)	(39.5)	–	(30.5)
Cash Flows from Financing Activities					
Repayments of long-term borrowings	(39.0)	–	–	–	(39.0)
Change in short-term borrowings	3.5	–	25.1	–	28.6
Common and preferred dividends	(14.4)	–	–	–	(14.4)
Proceeds from issuance of common stock under various employee and shareholder plans	23.4	–	–	–	23.4
Acquisitions of treasury stock	(58.1)	–	–	–	(58.1)
Other, net	(3.7)	–	–	–	(3.7)
Net cash provided by (used in) financing activities	(88.3)	–	25.1	–	(63.2)
Net Change in Cash and Cash Equivalents	1.7	0.3	8.8	–	10.8
Cash and Cash Equivalents – Beginning of Period	12.3	0.2	13.1	–	25.6
Cash and Cash Equivalents – End of Period	\$ 14.0	\$ 0.5	\$ 21.9	\$ –	\$ 36.4

11. Shareholders' Equity

The company has several stock option plans under which options to purchase shares of common stock have been granted to officers and employees at the market value of the stock at the date of grant. In general options are exercisable in four equal installments commencing one year from the date of grant and terminate 10 years from the date of grant. At September 29, 2002, there were 3,260,267 options outstanding under these plans at a weighted average exercise price of \$24.51 per share, of which 1,622,525 were exercisable at a weighted average exercise price of \$19.07 per share.

The company adopted a deposit share program in March 2001 that, by matching purchased shares with restricted shares, encourages certain senior management employees and outside directors to invest in Ball stock. Participants have until March 2003 to acquire shares in order to receive the matching restricted share grants. Restrictions on the matching shares lapse at the end of four years from date of grant, or earlier if established share ownership guidelines are met, assuming the qualifying purchased

F-55

shares are not sold or transferred prior to that time. As of September 29, 2002, a total of 556,643 shares are available for grant under this program, of which 466,576 shares have been granted. This plan is accounted for as a variable plan where compensation expense is recorded based upon the current market price of the company's common stock until restrictions lapse. The company recorded \$4.5 million and \$0.6 million of expense in connection with this program in the first nine months of 2002 and 2001, respectively. The increase in 2002 compared to 2001 is the result of the timing of the share grants as well as the higher price of Ball stock.

Accumulated other comprehensive loss includes the cumulative effect of foreign currency translation, additional minimum pension liability and unrealized gains and losses on derivative instruments receiving cash flow hedge accounting treatment.

<i>(\$ in millions)</i>	Foreign Currency Translation	Minimum Pension Liability (net of tax)	Effective Financial Derivatives^(a)	Accumulated Other Comprehensive Loss
December 31, 2001	\$ (29.9)	\$ (5.7)	\$ (8.1)	\$ (43.7)
Change	2.1	–	(12.4)	(10.3)
September 29, 2002	\$ (27.8)	\$ (5.7)	\$ (20.5)	\$ (54.0)

(a) Refer to Item 3, "Quantitative and Qualitative Disclosures About Market Risk," for a discussion of the company's use of derivative financial instruments.

The following table summarizes total comprehensive earnings for the third quarter and nine-month periods of 2002 and 2001:

<i>(\$ in millions)</i>	Three Months Ended		Nine Months Ended	
	September 29, 2002	September 30, 2001	September 29, 2002	September 30, 2001
Comprehensive Earnings				
Net earnings (loss)	\$ 50.0	\$ 36.3	\$ 127.4	\$ (107.3)
Foreign currency translation adjustment	(6.3)	(3.8)	2.1	(1.3)
Effect of derivative instruments	(21.1)	(8.9)	(12.4)	(9.9)
Minimum pension liability (net of tax)	–	–	–	(0.2)

Comprehensive earnings (loss)	\$	22.6	\$	23.6	\$	117.1	\$	(118.7)
-------------------------------	----	------	----	------	----	-------	----	---------

F-56

12. Earnings Per Share

The following table provides additional information on the computation of earnings per share amounts:

(\$ in millions, except per share amounts)	Three Months Ended		Nine Months Ended	
	September 29, 2002	September 30, 2001	September 29, 2002	September 30, 2001
Basic Earnings per Share				
Net earnings (loss)	\$ 50.0	\$ 36.3	\$ 127.4	\$ (107.3)
Preferred dividends, net of tax	–	(0.6)	–	(1.8)
Earnings (loss) attributable to common shareholders	\$ 50.0	\$ 35.7	\$ 127.4	\$ (109.1)
Weighted average common shares (000s)	56,188	54,920	56,347	54,858
Basic earnings (loss) per share	\$ 0.89	\$ 0.65	\$ 2.26	\$ (1.99)
Diluted Earnings per Share				
Net earnings (loss)	\$ 50.0	\$ 36.3	\$ 127.4	\$ (107.3)
Adjustment for deemed ESOP cash contribution in lieu of the ESOP Preferred dividend	–	(0.4)	–	(1.3)
Earnings (loss) attributable to common shareholders	\$ 50.0	\$ 35.9	\$ 127.4	\$ (108.6)
Weighted average common shares (000s)	56,188	54,920	56,347	54,858
Effect of dilutive stock options	1,217	906	1,265	794
Common shares issuable upon conversion of the ESOP Preferred stock	–	3,204	–	3,272
Weighted average shares applicable to diluted earnings per share	57,405	59,030	57,612	58,924
Diluted earnings (loss) per share	\$ 0.87	\$ 0.61	\$ 2.21	\$ (1.99)(1)

(1) The diluted loss per share in the first nine months of 2001 is the same as the net loss per common share because the assumed exercise of stock options and conversion of the ESOP Preferred stock would have been antidilutive.

For the 2002 and 2001 periods, stock options to purchase 460,950 and 448,476 shares of common stock, respectively, were not included in the computation of diluted earnings per share since they were anti-dilutive (i.e., their exercise price exceeded the average closing market price of Ball common stock for the periods).

13. Contingencies

The company is subject to various risks and uncertainties in the ordinary course of business due, in part, to the competitive nature of the industries in which we participate, our operations in developing

F-57

markets outside the U.S., changing commodity prices for the materials used in the manufacture of our products and changing capital markets. Where practicable, we attempt to reduce these risks and uncertainties through the establishment of risk management policies and procedures, including, at times, the use of certain derivative financial instruments.

From time to time, the company is subject to routine litigation incident to its business. Additionally, the U.S. Environmental Protection Agency has designated Ball as a potentially responsible party, along with numerous other companies, for the cleanup of several hazardous waste sites. Our information at this time does not indicate that these matters will have a material adverse effect upon the liquidity, results of operations or financial condition of the company.

14. Stock Split

On January 23, 2002, the company's Board of Directors declared a two-for-one stock split, increased the quarterly dividend and authorized the repurchase of additional common shares. The stock split was effective February 22, 2002, for all shareholders of record on February 1, 2002. As a result of the stock split, all amounts related to earnings, options and outstanding shares have been retroactively restated as if the split had occurred as of January 1, 2001.

F-58

Report of Independent Accountants

To the Supervisory Board and Shareholders of Schmalbach–Lubeca AG

In our opinion, the accompanying combined balance sheets as of December 31, 2001 and December 31, 2000 and the related combined statements of income, cash flows and division equity for the 12 months ended December 31, 2001, the 4 months ended December 31, 2000, the 8 months ended August 31, 2000 and the 12 months ended December 31, 1999 present fairly, in all material respects, the financial position of the Beverage Can Division of Schmalbach–Lubeca AG as defined in Note 1 in conformity with International Accounting Standards. These financial statements are the responsibility of the company's management; our responsibility is to express an opinion on these financial statements based on our audits. We conducted our audits of these statements in accordance with auditing standards generally accepted in the United States of America, which require that we plan and perform the audit to obtain reasonable assurance about whether the financial statements are free from material misstatements. An audit includes examining, on a test basis, evidence supporting the amounts and disclosures in the financial statements, assessing the accounting principles used and significant estimates made by management, and evaluating the overall financial statement presentation. We believe that our audits provide a reasonable basis for our opinion.

The Beverage Can Division of Schmalbach–Lubeca AG has not operated as a separate entity. Accordingly, the basis of presentation as explained in the notes to the financial statements include the allocation of certain costs, that have been deemed to be incurred by the parent company on behalf of the beverage division. There can be no assurance that such cost allocations will be indicative of future results or indicative of costs that would have been incurred if it had been a separate stand alone entity.

International Accounting Standards vary in certain significant respects from accounting principles generally accepted in the United States. The application of the latter would have affected the determination of combined net income expressed in Euros for the year ended December 31, 2001, four months ended December 31, 2000, eight months ended August 31, 2000, and year ended December 31, 1999 and the determination of combined divisional equity and combined financial position at December 31, 2001 and 2000. The extent of this impact as of and for the year ended December 31 2001, four months ended December 31, 2000, and eight months ended August 31, 2000 is summarised in Note 35 to the combined financial statements.

Düsseldorf, October 30, 2002
PwC Deutsche Revision
Aktiengesellschaft
Wirtschaftsprüfungsgesellschaft

Schwarzhof
Wirtschaftsprüfer

ppa. Schmidt
Wirtschaftsprüfer

F-59

Schmalbach–Lubeca

Beverage Cans

Combined Statements of Income

(in thousands of Euros)

Note	For the 12 months ended 31/12/01	For the 12 months ended 31/12/00	For the 4 months ended 31/12/00	For the 8 months ended 31/08/00	For the 12 months ended 31/12/99
Sales	953,101	869,184	289,825	579,359	764,271
Cost of Sales	(777,935)	(735,531)	(260,166)	(475,365)	(624,184)
Gross profit	175,166	133,653	29,659	103,994	140,087
Selling expenses	(26,955)	(19,036)	(6,573)	(12,463)	(20,861)
General and administrative expenses	(46,201)	(45,518)	(11,174)	(34,344)	(42,150)
Other operating income	44,560	30,573	895	29,678	85,899
Other operating expenses	(32,465)	(44,792)	(27,814)	(16,978)	(41,437)
Income from operating activities	114,105	54,880	(15,007)	69,887	121,538
Interest expense	(29,692)	(28,421)	(12,672)	(15,749)	(21,168)
Income/(loss) before income taxes and minority interests	84,413	26,459	(27,679)	54,138	100,370
Taxes on income	(23,158)	(8,948)	9,598	(18,546)	(16,495)
Income/(loss) before minority interests	61,255	17,511	(18,081)	35,592	83,875
Minority interests share of loss/(income)	276	(3,385)	(1,837)	(1,548)	(3,423)

Net income/(loss)

61,531

14,126

(19,918)

34,044

80,452

The accompanying notes are an integral part of these combined financial statements.

F-60

Schmalbach–Lubeca

Beverage Cans

Combined Balance Sheet

(in thousands of Euros)

	Note	31/12/01	31/12/00
Assets			
Non-current assets			
Property, plant and equipment	14	367,613	320,430
Goodwill and intangible assets	14	101,408	113,078
Shares in associated companies	17	6,825	6,852
Other financial assets	18	64,850	64,940
Deferred taxes	26	13,081	—
		553,777	505,300
Current assets			
Other prepaid expenses	22	942	685
Inventories	19	97,498	92,081
Other receivables and assets	20	24,442	29,894
Accounts receivable, trade	20	73,891	63,531
Cash and cash equivalents	21	5,131	2,075
		201,904	188,266
Total Assets		755,681	693,566
Liabilities and Divisional Equity			
Divisional equity			
S-L AG investment in Beverage Can Product Group	23	4,742	(63,678)
Minority interests	9	20,555	23,450
Non-current liabilities			
Liabilities due to banks	28	15,806	16,488
Deferred taxes	24/26	23,130	14,275
Pension reserves and accruals for similar obligations	24/25	248,321	247,658
Provisions	24/27	10,826	9,166
		298,083	287,587
Current liabilities			
Accounts payable, trade	28	118,665	121,310
Accrued taxes	24/26	18,453	20,472
Liabilities due to banks	28	51,159	73,207
Liabilities due parent	28	173,950	157,428
Provisions	24/27	14,605	25,607
Other liabilities	28	54,628	40,267

Deferred income	841	7,916
	432,301	446,207
Total Liabilities and Divisional Equity	755,681	693,566

The accompanying notes are an integral part of these combined financial statements.

F-61

Schmalbach–Lubeca
Beverage Cans
Development of Divisional Equity
(in thousands of Euros)

	<u>Divisional Equity</u>
As at December 31, 1998	(179,408)
Currency adjustments (Note 15)	6,646
Net income	80,452
As at December 31, 1999	(92,310)
Cumulative effect of adoption of IAS 39 on January 1, 2000	9,266
Currency adjustments (Note 15)	5,863
Net income	34,044
As at August 31, 2000	(43,137)
Currency adjustments (Note 15)	(623)
Net loss	(19,918)
As at December 31, 2000	(63,678)
Currency adjustments (Note 15)	6,889
Net income	61,531
As at December 31, 2001	4,742

The accompanying notes are an integral part of these combined financial statements.

F-62

Schmalbach–Lubeca
Beverage Cans
Combined Statements of Cash Flows
(in thousands of Euros)

	Note (34)	For the 12 months ended 31/12/01	For the 12 months ended 31/12/00	For the 4 months ended 31/12/00	For the 8 months ended 31/08/00	For the 12 months ended 31/12/099
Operations						
Net income/(loss)		61,531	14,126	(19,918)	34,044	80,452
+ Depreciation and amortization		58,015	68,170	31,949	36,221	59,536
– (Reduction)/increase in accruals		(10,184)	(8,732)	51,649	(60,381)	(39,715)

– Other (income)/expense not affecting cash	(27,964)	9,752	(30,895)	40,647	1,199
+ Reduction/(increase) in inventories, trade accounts receivable and other assets	22,373	(22,861)	41,782	(64,643)	37,689
– (Reduction)/increase in trade accounts payable and other liabilities	(29,441)	31,225	(22,151)	53,376	(20,067)
I. Cash flow from operations	74,330	91,680	52,416	39,264	119,094
Investing activities					
+ Proceeds from the disposal of fixed assets	—	2,465	2,465	—	—
– Expenditure on fixed assets	(30,139)	(47,886)	(15,737)	(32,149)	(52,094)
– Expenditure on intangible assets	—	(5,372)	—	(5,372)	(4,587)
+ Proceeds from disposal of financial assets	—	11,393	5,595	5,798	—
– Expenditure on financial assets	—	—	—	—	(5,263)
+ Proceeds from the sale of consolidated companies and other business units	26,108	—	—	—	—
– Expenditure for the acquisition of consolidated companies and other business units	(59,986)	(9,827)	(1,120)	(8,707)	(339)
– Other	1,028	579	(82)	661	292
II. Cash flow from investing activities	(62,989)	(48,648)	(8,879)	(39,769)	(61,991)
Financing activities					
– Dividend payments to minority shareholders	(3,269)	(6,840)	(3,577)	(3,263)	—
+ Increase/(decrease) in borrowing	(5,565)	(53,014)	(59,808)	6,794	(45,411)
III. Cash flow from financing activities	(8,834)	(59,854)	(63,385)	3,531	(45,411)
Funds available					
Changes in funds affecting payments	2,507	(16,822)	(19,848)	3,026	11,692
+ Changes in funds resulting from exchange rates and valuations	549	1,227	194	1,033	867
+ Funds at the beginning of the period	2,075	17,670	21,729	17,670	5,111
IV. Funds at the end of the period	5,131	2,075	2,075	21,729	17,670

The accompanying notes are an integral part of these combined financial statements.

F-63

Schmalbach–Lubeca

Beverage Cans

Notes to the Combined Financial Statements

(1) Schmalbach–Lubeca Beverage Cans – Background

Schmalbach–Lubeca AG

Schmalbach–Lubeca ("S-L AG") is established in the legal form of a German Aktiengesellschaft (AG) and is located in Ratingen, Germany. The company is registered in the commercial register of Dusseldorf, Germany. S-L AG is a subsidiary of AV Packaging GmbH, Munich ("AVP"), which holds 97.6% of the shares in S-L AG, with the remaining 2.4% of the shares held by external shareholders. Substantially all the shares in AVP are held by E.ON AG and Allianz Capital Partners GmbH, a subsidiary of Allianz AG. At December 31, 2001, S-L AG consisted of 8 German and 70 non-German fully consolidated companies, one associated company included at equity and one investment included at cost. S-L AG was comprised of three operating segments, PET containers, White Cap closures and Beverage cans. PET containers manufactures returnable and one-way PET bottles, preforms and tooling and moulds for injection moulding and stretch-blow moulding machines. White Cap closures manufactures plastic and composite closures for oxygen-sensitive, vacuum-packaged and aseptically vacuum-packaged food products and beverages. Beverage cans manufactures two-piece tinplate and aluminium beverage cans and ends ("Beverage Can Operations").

Divestments

On May 8, 2002, S-L AG announced agreement for the sale of both the PET container and White Cap closures operations to the Australian packaging company Amcor Limited ("Amcor Transaction"). The transaction closed on July 1, 2002.

On August 29, 2002, S-L AG announced agreement for the sale of the stock of S-L AG (the "Ball Transaction") to the American based packaging company Ball Corporation ("Ball"). Ball will be acquiring the German-based company for approximately EUR 922.3 million in cash plus assumption of S-L AG's pension liabilities, which, for purposes of

establishing the purchase price, were valued at December 31, 2001 at approximately EUR 245 million, less the assumption of approximately EUR 16 million of debt. The final purchase price is subject to working capital and other post-closing adjustments. The transaction is expected to close in late 2002 or early 2003.

Proceeds from the Amcor Transaction will be used to liquidate all debt, except the EUR 16 million of debt to be assumed by Ball. Any remaining proceeds will be distributed to AVP prior to the closing of the Ball Transaction. In addition, a reorganization of S-L AG will occur prior to the close of the Ball Transaction in order to remove certain other assets and liabilities that Ball is not acquiring, primarily a share investment in Impress Metal Packaging Holdings B.V, which is accounted for at cost.

At the closing of the Ball Transaction, S-L AG will primarily consist of the Beverage Can Operations, the S-L AG corporate headquarters function and certain acquired assets and liabilities of S-L AG. At the closing, the Beverage Can Operations will consist of 10 can plants, 2 end facilities, and a technical center. These facilities are located in Germany, the United Kingdom, France, Netherlands, and Poland. An investment in China was sold in June 2002.

Basis of combination and presentation

These combined financial statements include substantially all of the assets, liabilities, results of operations and cash flows attributable to the historical Beverage Can Operations of S-L AG in addition to the S-L AG corporate headquarters function allocated to the Beverage Can Operations and certain

F-64

acquired assets and liabilities to be acquired of S-L AG (hereinafter referred to collectively as "Beverage Cans"). The Beverage Can Operations constitute a single business segment based primarily in Europe. As such, no segment reporting is included in the Beverage Cans combined financial statements. Beverage Cans is not a separate legal entity and has not been separately financed. The combined financial statements are prepared on a historical cost basis, except as disclosed in the accounting policies below, from the books and records of the Beverage Can Operations and S-L AG. An eight-month and four-month stub period have been presented for 2000 because of the acquisition of S-L AG by AV Packaging more fully described in Note 35.

The Beverage Cans combined financial statements have been prepared on the basis of established accounting methods, practices, procedures and policies and the accounting judgments and estimation methodologies used by Beverage Cans and S-L AG as explained below. Beverage Cans combined financial statements are prepared in accordance with the International Accounting Standards (IAS) of the International Accounting Standards Board (IASB), taking into account the interpretations of the Standing Interpretations Committee (SIC). IAS differs in certain respects from generally accepted accounting principles (US GAAP) in the United States and certain other countries. Material differences between IAS and US GAAP that effect the Beverage Cans combined financial statements are discussed in Note 35 to the combined financial statements.

The combined statement of income includes all items of revenue and income generated by the Beverage Can Operations and all items of expense directly incurred by it and expenses charged or allocated to it by S-L AG in the normal course of business. Certain S-L AG corporate expenses were allocated to the combined financial statements of Beverage Cans for the sole purpose of preparing the combined financial statements. The basis of allocation of S-L AG expenses, assets and liabilities is discussed in Summary of Significant Accounting Policies.

Summary of Significant Accounting Policies

Allocation of S-L AG Corporate assets, liabilities and expenses

The Beverage Cans combined financial statements include an allocation of selected corporate assets and liabilities and expenses of S-L AG's corporate headquarters, including certain expenses recorded in S-L AG consolidation entries (referred to collectively as "Corporate").

Expense Allocations

The Beverage Can Operations, as a part of Beverage Cans, receive the benefit of certain services rendered by S-L AG (the allocation of Interest and Taxes are discussed separately below). Costs incurred primarily include the costs of the headquarter function such as personnel costs, supplies, outside services and other costs related to the corporate, accounting, legal, treasury, tax, information services and purchasing functions. Where it is possible to specifically identify these costs as relating to the Beverage Can Operations, the costs are charged directly to Beverage Cans, at cost. Where it is possible to specifically identify costs related to the PET containers and White-Cap closure operations, the costs are charged directly to those operations and are therefore excluded from the Beverage Cans combined financial statements. Where it is not possible to specifically identify the costs as relating to Beverage Cans or the PET container and White-Cap closure operations, a portion of the total costs for these services are allocated, at cost, to Beverage Cans. The allocation process for these costs differs based on whether the costs relate to S-L AG operations within Germany, S-L AG operations outside Germany or S-L AG costs not specifically related to or specifically identifiable as German or non-German operations.

The costs specifically identified as relating to the operations within Germany are allocated to all operating units (i.e., Beverage Can Operations, PET containers and White-Cap closures) based on their respective revenues within Germany relative to total consolidated S-L AG revenues within Germany.

F-65

The costs specifically identified as relating to the operations outside of Germany are allocated to all operating units based upon their respective revenues outside of Germany relative to total consolidated S-L AG revenues outside of Germany. Finally, the costs that cannot be specifically identified as relating to German or non-German operations are allocated to all operating units based upon their respective revenues relative to total consolidated S-L AG revenues.

These allocated costs are included in the appropriate line on the Beverage Cans combined statement of income according to the nature of the costs.

Interest Expense

Interest expense is determined for the Beverage Cans combined financial statements based upon the level of debt assigned to Beverage Cans relative to the overall debt of consolidated S-L AG. The allocation of debt is discussed below. Interest related to debt held by, or directly-attributable to, the fully included subsidiaries that contain the Beverage Can Operations is retained in the Beverage Cans combined financial statements.

Taxes

Beverage Cans' results have been historically included in the S-L AG, and subsidiary, applicable country and local tax returns that in some cases were filed in combined group returns, including the PET container and White Cap closure operations. The provision for income taxes, the related assets and liabilities and the disclosures in the footnotes for the

Beverage Cans combined financial statements are presented and based upon a calculation of a standalone Beverage Cans tax provision on a separate return basis for each company in the Beverage Can Operations. There is also a tax provision based on the allocation of the Corporate costs assigned to Beverage Cans and the net income before taxes of the German beverage can plants and technical center owned by S-L AG.

Balance Sheet Allocations

The assets and liabilities of Corporate are allocated to Beverage Cans in a manner consistent with the allocation of expenses. However, the pension obligations of S-L AG, excluding obligations for active participants related to the PET containers and White-Cap closure operations, have been included in the Beverage Cans combined financial statements consistent with the Share Sale and Transfer Agreement between Ball and AVP. The debt reflected in the combined financial statements of Beverage Cans consists of all debt directly attributable to the Beverage Can Operations and advances from S-L AG ("Advances"). Advances are provided or repaid for all periods based upon the net cash inflow or outflow of Beverage Cans in excess of the debt directly attributable to the Beverage Can Operations. Interest on Advances is recorded in Beverage Cans at a rate consistent with the average cost of third party debt, including in some periods related party debt, obtained by S-L AG.

Management believes that the accounting judgments, estimations and allocations made in preparing these combined financial statements are reasonable under the circumstances; however, the costs allocated are not necessarily indicative of the costs that would have been incurred if Beverage Cans had incurred these costs and performed these functions as a standalone entity. There can be no assurances that such allocations will necessarily be indicative of future results or what the financial position and results of the operations of Beverage Cans would have been had it been a separate, standalone entity during the periods presented.

Principles of Combination

These combined financial statements include the accounts of Beverage Cans after eliminating profits and losses on transactions within the Beverage Cans group. Fully combined in the balance sheet for Beverage Cans at December 31, 2001, are 4 German and 11 non-German subsidiaries, along with

F-66

three operating plants and the technical center owned by S-L AG. The following table provides the consolidated subsidiaries included in the Beverage Cans combined financial statements, along with the ownership percentage and country of incorporation of each:

Name of Entity	Ownership Percentage	Country of Incorporation
Continental Can Europe Beteiligungsgesellschaft GmbH	100%	Germany
Schmalbach-Lubeca Getrankedosen GmbH	100%	Germany
Schmalbach-Lubeca Unterstützungskasse GmbH	100%	Germany
Continental Can UK Holding Company Ltd.	100%	United Kingdom
Continental Can Company Ltd.	100%	United Kingdom
Continental Can Benelux B.V.	100%	Netherlands
Continental Can France S.A.S.	100%	France
Continental Can La Ciotat S.A.S.	100%	France
Continental Can Handelsgesellschaft GmbH	100%	Austria
Continental Can Polska Sp. z.o.o	100%	Poland
Continental Can Trading Sp. z.o.o	100%	Poland
Continental Can Europe Espana S.A. i.L	100%	Spain
Schmalbach-Lubeca South East Europe d.o.o	100%	Yugoslavia
Schmalbach-Lubeca Nederland B.V.	99.75%	Netherlands
Pacific Can Enterprises Company Limited	51%	British Virgin Islands

The combined financial statements also fully include three dormant companies and four insignificant companies whose assets and liabilities are allocated to Beverage Cans. These seven companies will be transferred to an affiliate of AVP prior to closing of the Ball Transaction. Recal Organizacja Odzysku S.A. (Poland), a 50%-owned subsidiary, and North Pacific Can Co. (Dalian) Ltd. (China), a 25.5%-owned associate investment, are included in the Beverage Cans financial statements under the equity method of accounting.

The combined financial statements include the consolidation of the subsidiaries specified above. Significant intercompany transactions are eliminated. The associate investments included under the equity method of accounting are 50% or less owned investments and Beverage Cans does not control, but exercises significant influence over, operating and financial affairs. Other investments that are less than 20% owned are carried at fair value, or historical cost if they are not traded on an active market and an alternative method of reasonably estimating fair value is inappropriate or unworkable.

Subsidiaries are eliminated from the combined balance sheet when control ceases. Goodwill relating to the divested subsidiaries or parts of subsidiaries is taken into account as a disposal affecting net earnings.

The purchase method of accounting is used to account for the acquisition of subsidiaries. The cost of an acquisition is measured as the fair value of the assets given up, shares issued or liabilities undertaken at the date of acquisition plus costs directly attributable to the acquisition. The excess of the cost of an acquisition over the fair value of the net assets of the subsidiary acquired is recorded as goodwill.

Use of Estimates

International accounting principles require management to make estimates and assumptions that affect the reported amounts of assets and liabilities, disclosure of contingent assets and liabilities, and reported revenues and expenses. These estimates are based on historical experience and various other assumptions believed to be reasonable under the circumstances. Actual results could differ from these estimates under different assumptions or conditions.

F-67

Revenue Recognition

Sales of beverage cans and ends are recorded only when delivery has occurred and there is a transfer of risk and rewards of ownership, when persuasive evidence of a contract or arrangement exists and collectibility is reasonably assured. Reported sales result from the sale of goods to customers.

Inventories

Inventories are valued at average acquisition or production cost. In the case of raw materials, lower replacement costs do not lead to devaluation if the contributions made as a result of further processing are large enough to guarantee net realizable values. Production cost includes not only the directly attributable costs (material and personnel) and special individual production costs (e.g. tooling and moulds) but also material and production overheads and depreciation on a pro rata basis on the assumption of normal capacity utilization levels. Costs of non-utilized capacities, administration costs, superannuating costs, fringe benefit costs and interest charges are recorded as a period cost. Finished goods are stated at lower of cost or net realizable value.

Foreign currency transactions and translation

Receivables and liabilities to be settled in a currency other than a location's measurement currency are valued at the historical rate in the individual balance sheets. At year-end the valuation is carried out using the mean rate on the balance sheet date. Profits and losses from changes in the exchange rate between the date on which they are earned or incurred and the balance sheet date are taken into account affecting net earnings.

In the profit and loss accounts, earnings and expenses in foreign currency are valued at the exchange rates applicable at the dates on which they are earned or incurred. The differences due to the translation of the equity capital at changed reporting date exchange rates are shown in the earned surplus and/or minority interests. In the profit and loss account, the earnings, the expenses, the net income/loss for the year and its appropriation are translated at the annual average market rate. The difference between translation at annual average market rates and the mean rate prevailing on the balance sheet date is charged to the earned surplus with no effect on net income. The subsidiaries included in Beverage Cans financial statements as a rule use the Euro as the measurement currency with the exception of subsidiaries in the United Kingdom, Czech Republic, China and Poland which use the British pound sterling, the Czech Koruna, Hong Kong dollar/China Reminbi and Polish Zloty, respectively, as the measurement currency.

F-68

The main exchange rates on which combined financial statements are based are listed in the following table:

Main exchange rates:

Currencies	For the 12 months ended 31/12/01	For the 4 months ended 31/12/00	For the 8 months ended 31/08/00	For the 12 months ended 31/12/99
Mean rate on the balance sheet date:				
1 EUR = GBP	0.6118	0.6241	0.6145	0.6218
1 EUR = PLN	3.5190	3.8498	3.9109	4.1587
1 EUR = USD	0.8904	0.9305	0.8936	1.0045
1 EUR = HKD	6.9432	7.2578	6.9695	7.8004
1 EUR = CZK	N/A	35.0470	35.3655	36.1031
Average annual rate:				
1 EUR = GBP	0.6219	0.6109	0.6153	0.6587
1 EUR = PLN	3.6696	4.0216	4.0764	4.2258
1 EUR = USD	0.8960	0.9207	0.9463	1.0657
1 EUR = HKD	6.9881	7.2235	7.4446	8.2685
1 EUR = CZK	34.0685	35.7209	36.0590	36.9059

Research and development expenses

Research costs are expensed as incurred. Development costs are reviewed to determine whether the conditions for capitalization required by IAS 38 are satisfied with regard to the uncertainty of the success until the product is launched on the market. Development efforts that are not carried out on the basis of an order placed by a customer do not as a rule meet these conditions and are expensed in the period incurred. No development costs have been capitalized in the periods presented in any of these combined financial statements.

Property, plant and equipment

Property, plant and equipment is stated at acquisition or production cost less scheduled depreciation. The production costs of internally manufactured assets by the company itself include directly attributable individual costs and appropriate overheads excluding any financing costs.

Property, plant and equipment are depreciated by the straight-line method. At each balance sheet date the management assesses whether there is any indication of impairment. When carrying amount of an asset is greater than its estimated recoverable amount the asset is written down immediately to its recoverable amount. Write-ups are made as the reasons for these unscheduled depreciation charges no longer apply. Fixed assets which are no longer used for operating purposes are posted as disposals in the fixed assets development schedule when sold or scrapped. The scheduled depreciable lives for tangible assets are based on the following estimates of their commercially useful lives:

Buildings	20 to 33 years
Machinery	6 to 12 years
Customer service equipment	6 to 10 years

Personnel expenses	86,839	82,513	28,664	53,849	79,367
Depreciation	47,759	48,437	17,337	31,100	51,803
Maintenance	52,176	53,477	19,066	34,411	44,075
Freight	37,162	35,782	10,152	25,630	29,057
Other expenses	42,786	63,530	25,077	38,453	70,290
	777,935	735,531	260,166	475,365	624,184

(3) Selling expenses

The selling expenses include advertising costs, allowance for doubtful accounts receivable and logistics costs as well as the costs of the sales departments.

(4) General and administrative expenses

The costs of management and initial and further training and administration costs such as data processing, purchasing, training and accounting, are included in the general and administrative expenses.

F-71

(5) Other operating income

	For the 12 months ended 31/12/01	For the 12 months ended 31/12/00	For the 4 months ended 31/12/00	For the 8 months ended 31/08/00	For the 12 months ended 31/12/99
	(in thousands of Euros)				
Reversal of Accruals	3,383	5,467	486	4,981	6,905
Disposal of fixed assets	3,048	7,086	374	6,712	41,346
Write-ups	20,000	—	—	—	—
Business interruption insurance payment	—	—	—	—	13,000
Exchange rate earnings	5,441	5,517	—	5,517	9,325
Others	12,688	12,503	35	12,468	15,323
	44,560	30,573	895	29,678	85,899

(6) Other operating expenses

	For the 12 months ended 31/12/01	For the 12 months ended 31/12/00	For the 4 months ended 31/12/00	For the 8 months ended 31/08/00	For the 12 months ended 31/12/99
	(in thousands of Euros)				
Restructuring expenses	(152)	(567)	(401)	(166)	(3,333)
Amortization of goodwill and intangibles	(5,453)	(15,950)	(12,497)	(3,453)	(5,024)
Loss on disposal of fixed assets	(60)	(145)	(145)	—	—
Research and development	(13,725)	(3,659)	(3,659)	(9,175)	(13,001)
Exchange rate losses	(8,480)	(7,697)	(7,697)	(1,906)	(12,226)
Others	(4,595)	(3,415)	(3,415)	(2,278)	(7,853)
	(32,465)	(27,814)	(27,814)	(16,978)	(41,437)

The EUR 12.5 million of goodwill amortization for the four months ended December 31, 2000, includes the write-off of EUR 10.8 million related to the China investment. An impairment charge on the China goodwill was taken as the expected future discounted cash flows indicated that the goodwill had been impaired.

F-72

(7) Interest expense

	For the 12 months ended 31/12/01	For the 12 months ended 31/12/00	For the 4 months ended 31/12/00	For the 8 months ended 31/08/00	For the 12 months ended 31/12/99
(in thousands of Euros)					
Interest income	1,771	1,346	449	897	1,267
(thereof from affiliated companies)	—	—	—	—	—
Interest expense	(18,083)	(16,387)	(8,661)	(7,726)	(9,437)
(thereof from affiliated companies)	(14,429)	(14,784)	(7,280)	(7,504)	(9,018)
Non cash income and expenses:					
Interest included in the allocation to pension reserves	(13,380)	(13,380)	(4,460)	(8,920)	(12,998)
	(29,692)	(28,421)	(12,672)	(15,749)	(21,168)

(8) Taxes on income

	For the 12 months ended 31/12/01	For the 12 months ended 31/12/00	For the 4 months ended 31/12/00	For the 8 months ended 31/08/00	For the 12 months ended 31/12/99
(in thousands of Euros)					
Actual taxes on income	(20,106)	(18,980)	6,254	(25,234)	(18,719)
Deferred taxes on income	(3,052)	10,032	3,344	6,688	2,224
	(23,158)	(8,948)	9,598	(18,546)	(16,495)

Deferred taxes are calculated by applying the applicable country tax rates expected at the time when the taxes will be paid. The tax rate assumptions are based on the legal regulations in force or adopted on the balance sheet date.

Deferred tax assets resulting from tax loss carry forwards are only recognized to the extent that it is probable future taxable profit will be available to offset the tax loss carry forwards.

	2001 EUR m	2001 %	2000 EUR m	2000 %	1999 EUR m	1999 %
Income (loss) before income taxes and minority interests	84.4		26.5		100.4	
Anticipated tax rate		39.0		39.0		43.0
Anticipated tax expenditure	32.9	100.0	10.3	100.0	43.2	100.0
Increase (decrease) in tax due to change in deferred tax assets not recognized	(7.8)	(23.7)	8.6	75.4	—	—
Reduction in tax due to tax holiday and tax-free income	(2.2)	(6.7)	(3.9)	(34.2)	(9.3)	(21.5)
Changes in tax due to non-tax-deductible expenses and (non-taxable income)	2.9	8.8	8.3	72.8	(17.4)	(40.3)
Decrease in tax due to subsidiary stock loss writedowns	—	—	(19.0)	(166.7)	—	—
Other tax effects	(2.6)	(7.9)	4.6	44.7	—	—
Actual tax expenditure	23.2	70.5	8.9	78.1	16.5	38.2
Actual tax rate in %		27.5%		33.6%		16.4%

During the year ended December 31, 1999, Beverage Cans sold a portion of its share investment in one of its subsidiaries and recognized a capital gain. This capital gain was a non-taxable transaction in the province within which it was recorded, thus lowering income tax expense for the year ended December 31, 1999 by EUR 17.4 million.

(9) Profit/loss due to minority shareholders and development of minority interests

Dividends to minority shareholders in 2001 and 2000 were annually EUR 3.3 million to minority shareholders (10% ownership) in a subsidiary (CCUK) of a Beverage Can subsidiary via a preferential dividend. These minority shareholders have a call option to purchase an additional 41% of CCUK at fair value (determined by discounted cash flow method) which is exercisable if CCUK does not make the preferential dividend payment for two consecutive years and there is no purchaser for the shares (10%) currently held by

the minority shareholders at a purchase price equal to or greater than an agreed minimum sum. The Beverage Can subsidiary also has a call option, exercisable upon the exercise of the minority shareholders call option to repurchase at fair value, but no less than an agreed minimum sum, the shares (10%) currently held by the minority shareholders.

The minority interest share of net income after taxes were comprised of minority interest in Beverage Cans operations in the United Kingdom and China.

Minority interests on the balance sheet for 2000 and 2001 developed as follows (in thousands of Euros):

As at December 31, 1999	23,058
Accrued dividends	(2,216)
Currency adjustments	853
Net income	1,548
As at August 31, 2000	23,243
Accrued dividends	(1,108)
Currency adjustments	(522)
Net income	1,837
As at December 31, 2000	23,450
Accrued dividends	(3,324)
Currency adjustments	705
Net income	(276)
As at December 31, 2001	20,555

F-74

(10) Personnel expenses

Total personnel expenses included in cost of sales, selling and general and administrative expenses were as follows:

	For the 12 months ended 31/12/01	For the 12 months ended 31/12/00	For the 4 months ended 31/12/00	For the 8 months ended 31/08/00	For the 12 months ended 31/12/99
	(in thousands of Euros)				
Wages and salaries	99,666	93,262	32,257	61,005	88,151
Social security and similar expenses	18,631	16,941	5,863	11,078	17,959
Pension expenses	5,495	3,719	1,324	2,395	2,903
	123,792	113,922	39,444	74,478	109,013

(11) Employees

The average number of employees in 2001 was 2,566 (previous year 2,494).

(12) Total remuneration paid to members of the Supervisory Board and the Board of Management

The total remuneration paid to the members of the Supervisory Board amounts to EUR 88,000, EUR 192,000 and EUR 177,418 and that to the members of the Board of Management of Schmalbach-Lubeca AG totals EUR 2,180,000, EUR 1,755,000 and EUR 1,661,700, in 2001, 2000 and 1999, respectively. Total provisions of EUR 16,425,000, EUR 16,509,000 and EUR 16,133,308, in 2001, 2000 and 1999, respectively, were recorded to cover pension commitments to former board members or directors and their surviving dependants. Pension payments totaled EUR 1,635,000, EUR 1,650,000 and EUR 1,580,404 in 2001, 2000 and 1999, respectively.

(13) Related Party Transactions

All debt included in the accounts of Beverage Cans that has not been obtained from third party lenders has been provided by S-L AG, the owner of the Beverage Can Operations. S-L AG also provides various services to Beverage Cans, which are included in the results of operations of Beverage Cans as discussed in the Notes to the Financial Statements "Allocation of S-L AG Corporate assets, liabilities, and expenses." Additionally, Beverage Cans, through S-L AG, has entered into several insurance contracts with Allianz Versicherung and a power supply contract with E.ON Benelux, a subsidiary of E.ON. Both E.ON and Allianz are direct or indirect significant shareholders of AVP, the parent company of S-L AG. These contracts were concluded based on arm's length terms and normal conditions. There were no other business relations with affiliated companies and persons in the Beverage Cans group, significant shareholders or other related parties.

F-75

Explanatory notes to the balance sheet

(14) Fixed asset, goodwill and intangible assets

The development of fixed assets, goodwill and intangible assets is shown below:

	2001 Opening Balance	Additions	Change in Consolidation— Additions	Disposals	Reclass and Transfers	Change in Consolidation— Disposals	Currency Diffs	2001 Ending Balance
(in thousands of Euros)								
I. Intangible Assets								
Acquisition/manufacturing cost								
1. Trademarks, patents, licenses, and similar rights and licenses to such rights	20,007	132	407	(38)	444	(116)	292	21,128
2. Goodwill	168,489	—	—	—	(28)	—	374	168,835
3. Negative Goodwill	—	(4,954)	—	—	—	—	—	(4,954)
4. Development costs/self-manufactured intangible assets	—	—	—	—	—	—	—	—
5. Advances paid on intangible assets	74	289	—	—	(57)	(15)	1	292
Subtotal	188,570	(4,822)	407	(38)	359	(131)	667	185,301
Provision for depreciation and write-downs								
1. Trademarks, patents, licenses, and similar rights and licenses to such rights	11,779	2,009	374	(11)	52	(62)	209	14,350
2. Goodwill	63,713	6,015	—	—	—	—	61	69,789
3. Negative Goodwill	—	(246)	—	—	—	—	—	(246)
4. Development costs/self-manufactured intangible assets	—	—	—	—	—	—	—	—
5. Advances paid on intangible assets	—	—	—	—	—	—	—	—
Subtotal	75,492	7,778	374	(11)	52	(62)	270	83,893
Net book value								
1. Trademarks, patents, licenses, and similar rights and licenses to such rights	8,228	(1,877)	33	(27)	392	(54)	83	6,778
2. Goodwill	104,776	(6,015)	—	—	(28)	—	313	99,046
3. Negative Goodwill	—	(4,708)	—	—	—	—	—	(4,708)
4. Development costs/self-manufactured intangible assets	—	—	—	—	—	—	—	—
5. Advances paid on intangible assets	74	289	—	—	(57)	(15)	1	292
Total intangible assets	113,078	(12,311)	33	(27)	307	(69)	397	101,408

F-76

II. Property, plant and equipment								
Acquisition/manufacturing cost								
1. Land, leasehold rights and buildings including buildings on non-owned land	115,238	3,085	32,183	(142)	2,178	(8,654)	1,824	145,712
2. Technical equipment, plant and machinery	635,844	10,443	72,407	(1,350)	10,965	(16,420)	8,902	720,791
3. Other equipment, operational and office equipment	52,648	1,786	2,661	(757)	4,351	(1,007)	615	60,297
4. Advance payments and construction in progress	18,516	14,825	342	(117)	(17,643)	(176)	318	16,065
Subtotal	822,246	30,139	107,593	(2,366)	(149)	(26,257)	11,659	942,865
Provision for depreciation and write-downs								
1. Land, leasehold rights and buildings including buildings on non-owned land	48,399	3,207	7,568	—	(1,096)	(2,884)	423	55,617
2. Technical equipment, plant and machinery	409,141	41,789	36,976	(1,271)	(13,194)	(4,025)	4,340	473,756
3. Other equipment, operational and office office equipment	40,571	6,356	2,205	(748)	(1,981)	(962)	438	45,879

4.	Advance payments and construction in progress	3,705	(1,115)	—	—	(2,590)	—	—	—
Subtotal		501,816	50,237	46,749	(2,019)	(18,861)	(7,871)	5,201	575,252
Net book value									
1.	Land, leasehold rights and buildings including buildings on non-owned land	66,839	(122)	24,615	(142)	3,274	(5,770)	1,401	90,095
2.	Technical equipment, plant and machinery	226,703	(31,346)	35,431	(79)	24,159	(12,395)	4,562	247,035
3.	Other equipment, operational and office equipment	12,077	(4,570)	456	(9)	6,332	(45)	177	14,418
4.	Advance payments and construction in progress	14,811	15,940	342	(117)	(15,053)	(176)	318	16,065
Total property, plant and equipment		320,430	(20,098)	60,844	(347)	18,712	(18,386)	6,458	367,613

F-77

	2000 Opening Balance	Additions	Change in Consolidation— Additions	Disposals	Reclass and Transfers	Change in Consolidation— Disposals	Currency Diffs	2000 Ending Balance	
(in thousands of Euros)									
I. Intangible Assets									
Acquisition/manufacturing cost									
1.	Trademarks, patents, licenses, and similar rights and licenses to such rights	12,737	3,205	1,164	(36)	2,955	(94)	76	20,007
2.	Goodwill	173,740	(2)	6,448	(5,778)	(5,873)	—	(46)	168,489
3.	Negative Goodwill	(14)	—	—	—	14	—	—	—
4.	Development costs/self-manufactured intangible assets	18	—	—	—	(18)	—	—	—
5.	Advances paid on intangible assets	168	129	—	(166)	(57)	—	—	74
Subtotal		186,649	3,332	7,612	(5,980)	(2,979)	(94)	30	188,570
Provision for depreciation and write-downs									
1.	Trademarks, patents, licenses, and similar rights and licenses to such Rights	10,149	735	291	(2)	608	(97)	95	11,779
2.	Goodwill	58,935	16,039	—	(5,325)	(5,901)	—	(35)	63,713
3.	Negative Goodwill	—	—	—	—	—	—	—	—
4.	Development costs/self-manufactured intangible assets	8	—	—	28	(37)	—	1	—
5.	Advances paid on intangible assets	—	—	—	—	—	—	—	—
Subtotal		69,092	16,774	291	(5,299)	(5,330)	(97)	61	75,492
Net book value									
1.	Trademarks, patents, licenses, and similar rights and licenses to such Rights	2,588	2,470	873	(34)	2,347	3	(19)	8,228
2.	Goodwill	114,805	(16,041)	6,448	(453)	28	—	(11)	104,776
3.	Negative Goodwill	(14)	—	—	—	14	—	—	—
4.	Development costs/self-manufactured intangible assets	10	—	—	(28)	19	—	(1)	—
5.	Advances paid on intangible assets	168	129	—	(166)	(57)	—	—	74
Total intangible assets		117,557	(13,442)	7,321	(681)	2,351	3	(31)	113,078

F-78

II. Property, plant and equipment									
Acquisition/manufacturing cost									
1.	Land, leasehold rights and buildings including buildings on non-owned land	110,577	212	5,339	(931)	(497)	(23)	561	115,238
2.	Technical equipment, plant and machinery	595,794	20,617	17,533	(4,782)	22,170	(17,397)	1,909	635,844
3.	Other equipment, operational and office equipment	49,753	2,551	1,204	(1,899)	1,676	(682)	45	52,648

4.	Advance payments and construction in Progress	13,912	24,506	—	943	(26,439)	5,561	33	18,516
	Subtotal	770,036	47,886	24,076	(6,669)	(3,090)	(12,541)	2,548	822,246
Provision for depreciation and write-downs									
1.	Land, leasehold rights and buildings including buildings on non-owned land	43,229	4,126	991	(187)	243	(21)	18	48,399
2.	Technical equipment, plant and machinery	363,160	42,648	6,818	(3,523)	11,840	(11,907)	108	409,144
3.	Other equipment, operational and office equipment	33,727	4,609	946	(1,631)	3,593	(697)	21	40,568
4.	Advance payments and construction in progress	(1,136)	13	—	1,137	3,691	—	—	3,705
	Subtotal	438,980	51,396	8,755	(4,204)	19,367	(12,625)	147	501,816
Net book value									
1.	Land, leasehold rights and buildings Including buildings on non-owned land	67,348	(3,914)	4,348	(744)	(740)	(2)	543	66,839
2.	Technical equipment, plant and machinery	232,634	(22,031)	10,715	(1,259)	10,330	(5,490)	1,801	226,700
3.	Other equipment, operational and office equipment	16,026	(2,058)	258	(268)	(1,917)	15	24	12,080
4.	Advance payments and construction in progress	15,048	24,493	—	(194)	(30,130)	5,561	33	14,811
	Total property, plant and equipment	331,056	(3,510)	15,321	(2,465)	(22,457)	84	2,401	320,430

In December 2000, it was determined that an impairment charge of EUR 20 million was required for certain operating assets with a carrying value of EUR 23.1 million as the discounted cash flows for the respective assets indicated an impairment had been incurred. The impairment loss is included in cost of sales in the income statement. The recoverable amount of the assets, primarily plant, equipment and machinery, was determined on the basis of its value using a discount rate of approximately 6.0%.

In the fourth quarter of 2001, events occurred, primarily related to the disposition of the Czech plant described in Note 16, which increased the expected future cash flows of these operating assets such that a restoration of the full amount of EUR 20 million impairment loss was required and recorded in December 2001. The reversal of the impairment loss is included in other operating income in the income statement.

F-79

Intangibles include trademark, patents, licenses and similar rights and data processing software. The additions are primarily due to the installation of the SAP R/3 software at the Beverage Cans facilities.

(15) Currency adjustments in divisional equity

Currency adjustments (in thousands of Euros)	For the 12 months ended 31/12/01	For the 12 months ended 31/12/00	For the 4 months ended 31/12/00	For the 8 months ended 31/08/00
Changes from the translation of foreign financial statements into EUR	6,889	5,240	(623)	5,863

(16) Acquisitions and divestitures

In 2000, Rexam PLC ("Rexam"), a competitor in Europe, purchased the beverage can business of American National Can including operations in Europe. Antitrust considerations in Europe mandated Rexam to divest itself of certain of its plants, including some of the acquired plants. Effective October 1, 2001, Beverage Cans acquired for approximately EUR 34.5 million 100% of the shares in Continental Can La Ciotat S.A.S., France. Liquid funds of EUR 4.1 million were acquired in this transaction. The fair market value of the La Ciotat assets exceeded the purchase price resulting in negative goodwill of EUR 4.9 million. The net assets of La Ciotat S.A.S. at the date of acquisition amounted to EUR 39.4 million comprising of EUR 79.7 million assets and EUR 40.3 million liabilities. Beverage Cans also acquired from Rexam for approximately EUR 25.6 million the net assets of a plant located in Runcorn, United Kingdom. The net assets of the plant in Runcorn at the date of acquisition amounted to EUR 25.6 million. Both of these transactions were accounted for as purchase business combinations. Concurrently, the shares in Schmalbach-Lubeca Czech Republic s.r.o. were sold to Rexam for approximately EUR 25.6 million and resulted in a loss of EUR 0.2 million. The net assets of Schmalbach-Lubeca Czech Republic s.r.o. were EUR 25.8 million at the date of the disposal and were comprised of EUR 26.1 million in assets and EUR 0.3 million in liabilities. Due to the sale of Schmalbach-Lubeca Czech Republic s.r.o., significant production volumes have been allocated to Beverage Cans' Netherlands operations, leading to improved, positive cash flows for that operation. These acquisition activities resulted in assets of EUR 100.3 million and liabilities of EUR 42.1 million at December 31, 2001 and revenues and net income of EUR 38.6 million and EUR 0.9 million, respectively, for the twelve months ended December 31, 2001.

(17) Shares in associated companies

The shares in associated companies relate to the 25.5% interest in Dalian North Pacific Can Co. Ltd. Dalian, China, which are accounted for using the equity method and a 50% investment in Recal Organizacja Odzysku S.A., over which the Company does exercise a significant level of influence, both of which are included in the Beverage Cans financial statements under the equity method of accounting.

(18) Other financial assets

The main non-consolidated holding is Impress Metal Packaging Holdings B.V., Deventer ("Impress"), at EUR 27.7 million which is accounted for at cost. Fair value cannot be reliably measured, as there is no quoted market price and there are no other methods of reasonably estimating the fair value. The loans to companies in which an interest is held contain a subordinate non-terminable loan to Impress totaling EUR 35.8 million, which will be paid out upon the sale of the majority shareholding in Impress, upon liquidation of the company or at the latest after ten years. Annual interest rate amounts to 6%. In the event that Impress is offered or traded on the stock exchange, the

loan can be converted into a shareholding. The option to convert the loan to Impress into a shareholding has been assigned no value in the Beverage Cans financial statements as the chance of a public offering of Impress is considered remote before the end of the ten-year period (four years remaining).

The holding in Impress and the holdings of S-L AG and its subsidiaries in certain recycling companies are carried at fair value, or historical cost if they are not traded on an active market and an alternative method of reasonably estimating fair value is inappropriate or unworkable. The same applies to the loan made to Impress B.V.

The other loans fundamentally concern loans to customers and staff, for which no market values can be readily determined. These loans are therefore valued at acquisition cost, and in the case of low-interest or interest-free loans, at net present value.

The financial assets declared are fundamentally to be classified as available for sale.

(19) Inventories

Inventories are valued at average acquisition or production cost. In the case of raw materials, lower replacement costs do not lead to devaluation if the contributions made as a result of further processing are large enough to guarantee net realizable values.

Inventories were comprised of:

	31/12/01 EUR 000s	31/12/00 EUR 000s
Raw materials and supplies	41,875	49,329
Work in progress	843	1,119
Finished goods	54,776	41,629
Advance payments	4	4
	97,498	92,081

Neither in the current year nor in the previous year were there security for debt restrictions on the right of disposal/assignment of inventories.

EUR 6.8 million of the inventories declared as at 31.12.2001 are carried at their lower realizable values rather than at their acquisition or production cost (previous year EUR 4.1 million). There was no income from write-ups of inventory recognized in 2001, 2000 or 1999.

(20) Trade Accounts Receivable and Other Receivables and Assets

Receivables and other assets are valued at historical cost which approximates market value because of their short-term nature. An estimate is made for doubtful receivables based on a review of all outstanding amounts at the year end. Bad debts are written-off when identified.

The receivables amounted to:

	31/12/01 Total EUR 000s	31/12/00 Total EUR 000s
Trade accounts receivable	73,891	63,531
Receivables from affiliated companies	55	—
Interest receivables	11,013	8,364
Other assets	13,374	21,530
Total other receivables and assets	24,442	29,894
Total	98,333	93,425

Interest receivables fundamentally comprise interest due from the loan to Impress Metal Packaging Holdings B.V., Deventer.

The other assets are essentially composed of other receivables totaling EUR 13.4 million (previous year EUR 21.3 million) from customers and suppliers resulting from projects and suppliers. Furthermore, capitalized premiums on derivatives (options) of EUR 0.7 million (previous year EUR 1.3 million) are also reported here. The status of the cumulative allowance for bad debts was EUR 6.1 million (previous year EUR 4.3 million). The status of the cumulative allowance for other assets was EUR 1.1 million (previous year EUR 1.2 million).

Beverage Cans sells a portion of its trade accounts receivable to special purpose entities as part of an ABS (asset backed securitization) programme, which does not qualify as an off-balance sheet financing. As a result, the receivables sold under this program are included in trade accounts receivable and the related liability to the special purpose entity is included in liabilities due to banks. The outstanding amount of accounts receivable sold under this programme and included in trade accounts receivable were EUR 33.1 million at December 31, 2001 (previous year EUR 17.3 million).

Details of the exchange rate risk are presented in Note 30.

(21) Cash and cash equivalents

	31/12/01 EUR 000s	31/12/00 EUR 000s
Securities	388	—
Cash at banks, cheques, cash in hand	4,743	2,075
	5,131	2,075

(22) Other prepaid expenses

	31/12/01 EUR 000s	31/12/00 EUR 000s
Other prepaid expenses	942	685

Information on deferred taxes is presented in Note 26.

(23) Divisional equity

The individual components of the divisional equity and its development in the years 2000 and 2001 are shown in the Development of Divisional Equity.

F-82

(24) Development of provisions

Provisions/accruals in EUR 000's	12/2000	Additions	Interest	Utilization	Reversal	Change in Consolidated Companies	Exchange rate diff.	12/2001
Pensions	(247,658)	(18,819)	—	17,520	5	636	(5)	(248,321)
Taxes, actual	(20,472)	(20,106)	—	22,125	—	—	—	(18,453)
Taxes, deferred	(14,275)	(8,855)	—	—	—	—	—	(23,130)
Total taxes	(34,747)	(28,961)	—	22,125	—	—	—	(41,583)
Warranty obligations	(1,223)	(1,533)	—	868	—	4	—	(1,884)
Contract losses <1 year	(3,692)	(1,172)	—	2,040	1,049	—	(2)	(1,777)
Contract losses >1 year	28	(326)	—	—	—	—	(5)	(303)
Restructuring programmes <1 year	(2,445)	(1,463)	—	1,579	269	607	(11)	(1,464)
Restructuring programmes >1 year	(259)	(1,496)	—	279	—	(19)	—	(1,495)
Others <1 year	(18,247)	(540)	—	6,068	1,372	1,936	(69)	(9,480)
Others >1 year	(8,935)	(554)	—	110	555	(204)	—	(9,028)
Total other provisions	(34,773)	(7,084)	—	10,944	3,245	2,324	(87)	(25,431)
Total provisions/accruals	(317,178)	(54,864)	—	50,589	3,250	2,960	(92)	(315,335)

Provisions/accruals in EUR 000's	12/1999	Additions	Interest	Utilization	Reversal	Change in Consolidated Companies	Exchange Rate diff.	12/2000
Pensions	(248,770)	(13,773)	—	14,850	44	—	(9)	(247,658)
Taxes, actual	(8,378)	(18,980)	—	6,886	—	—	—	(20,472)
Taxes, deferred	(28,214)	13,939	—	—	—	—	—	(14,275)
Total taxes	(36,592)	(5,041)	—	6,886	—	—	—	(34,747)
Warranty obligations	(1,385)	(5,134)	—	5,284	12	—	—	(1,223)
Contract losses <1 year	(6,747)	(8,237)	—	8,751	2,553	—	(12)	(3,692)
Contract losses >1 year	(6)	(1,714)	—	348	1,401	—	(1)	28
Restructuring programmes <1 year	(3,615)	(860)	—	1,995	3	38	(6)	(2,445)
Restructuring programmes >1 year	(933)	(167)	—	876	5	(40)	—	(259)

Others <1 year	(26,418)	(1,645)	—	9,011	897	(29)	(63)	(18,247)
Others >1 year	(9,024)	(467)	—	542	—	15	(1)	(8,935)
Total other provisions	(48,128)	(18,224)	—	26,807	4,871	(16)	(83)	(34,773)
Total provisions/accruals	(333,490)	(37,038)	—	48,543	4,915	(16)	(92)	(317,178)

(25) Pension liabilities and other employee benefits

The pensions and similar obligations can be broken down as follows:

	31/12/01 EUR 000s	31/12/00 EUR 000s
Pension liabilities	245,744	246,845
Accruals for other similar obligations	2,577	813
	248,321	247,658

F-83

The pension liabilities are calculated in accordance with IAS 19 (revised in 2000) on the basis of the projected unit credit method for acquired pension rights, taking future changes in wage, salary and pension payments to pensioners.

S-L AG and the British subsidiaries have different pension schemes that can be summarized as follows:

- All employees have a pension entitlement from the date on which they join the company, once they have completed a minimum period of service of 5 to 10 years (in other cases, no minimum service period is stipulated).
- The employee is generally entitled to a pension when he or she retires. In Germany the pension is determined by calculating 0.3 to 0.5% of the assessment basis, which corresponds to the salary/wage that is subject to social security contributions. A rate of 0.66 to 1.0% applies in the case of remuneration that exceeds the assessment basis.
- In Germany, there is a contractual promise to increase the pension payments by 1% each year, with the statutory inflation compensation being offset against the increase.
- There are also rules for retirement before the age of 63 or in the case of disability as well as for widows' and surviving dependants' pensions and for specific limited groups of people, some of them relating to closed pension schemes that no longer accept new members.
- The UK pension scheme is based on the system that they are fed by contributions from the employee and the company amounting to 4% and 9.7% of pensionable earnings and that pension entitlements are granted which amount to 1.67% of the final pensionable earnings for each year of participation in the scheme. From his or her fortieth birthday onwards, the beneficiary has the right to increase this to 2% by increasing his/her contribution to 5%.

The net periodic pension cost, which consists of the current service cost and the interest costs incurred to increase the pension liability, are determined from the scheduled development of the liabilities for pension entitlements. Differences from the defined benefit obligation (DBO) of these liabilities that exceed 10% of the net present value are distributed over the average remaining service time of the beneficiaries.

The defined benefit plans are financed mainly by the scheduled accumulation of pension accruals at S-L AG. Payments are made to capital funds in the United Kingdom and the Netherlands. Provision is therefore only made for obligations in the balance sheet if the current value of the capital fund is lower than the pension obligations.

The actuarial assumptions on which the pension accrual calculation was based were:

Percent	2001		2000		1999	
	D	GB	D	GB	D	GB
Interest rate	6.0	5.75	6.25	5.75	6.0	5.75
Wage/salary trend (including promotion effects)	3.0	4.0	2.75	4.0	3.00	4.0
Expected yield on the money invested in the funds	—	7.0	—	7.0	—	7.0
Cost trend for medical care	—	—	—	—	—	—

The Heubeck mortality tables of 1998 were used as the biometric basis for the German companies both for the 2001 annual accounts and the previous year's figures.

F-84

The pension reserves developed as follows on the basis of the planning assumptions:

2001 Funds with a deficit EUR 000s	2000 Funds with a deficit EUR 000s
---	---

Balance at beginning of year	(14,275)	(25,185)	(18,497)	(25,185)
Acquisitions	6,765	878	878	—
Deferred tax expense/(benefit) in income statement	(3,052)	10,032	3,344	6,688
Deferred tax charged to equity	513	—	—	—
Balance at end of year	(10,049)	(14,275)	(14,275)	(18,497)

The deferred tax adjustments are causally attributable to the following items in the balance sheet:

	31/12/01 EUR 000s	31/12/00 EUR 000s
Accrual for deferred taxes		
Tax free reserves	(296)	(282)
Intangible assets	—	—
Property, plant and equipment	(46,072)	(45,865)
Financial assets	—	(431)
Inventories	(528)	(264)
Other items	—	—
Netting miscellaneous deferred taxes (assets/liabilities)	23,766	32,567
	(23,130)	(14,275)
Deferred tax assets		
Pension reserves	11,957	14,002
Other accruals	4,430	4,669
Other items	8,883	422
Financial assets	4,120	—
Tax credits	—	—
Credit from tax-deductible losses carried forward	7,457	13,474
Netting of miscellaneous deferred taxes (assets/liabilities)	(23,766)	(32,567)
	13,081	—
Total deferred taxes	(10,049)	(14,275)

F-86

Deferred tax assets on tax-deductible losses carried forward or other tax credits are only recorded if utilization is probable. Tax-deductible losses carried forward were EUR 21.3 million for the year ended December 31, 2001 (previous year EUR 35.9 million).

At December 31, 2001, there are offsetting options from tax-deductible losses carried forward amounting to EUR 6.3 million (previous year EUR 5.6 million) for which no deferred tax credits were stated due to the related uncertainties. These loss carry forwards have an unlimited carry forward period.

No deferred tax accruals for future charges in the form of withholding or other taxes have been made in relation to the undistributed profits of foreign subsidiaries, because these amounts will be reinvested permanently. It is not practicable to estimate the additional taxes that might become payable upon the eventual remittance of the foreign earnings for which no provision has been made.

(27) Other provisions

Accruals were formed for individual warranty obligations. For the other sales, an accrual was formed at an average percentage rate to cover the general warranty risk based on experience from previous years. There are no major individual risks.

The accruals for contract losses include EUR 2.1 million for other contractual risks including derivatives (EUR 2.0 million in prior year). The accruals for restructuring programs include EUR 3.6 million for personnel programs and early retirement programs (EUR 2.7 million in prior year). The other accruals cover a large number of different risks. The major individual items included are accruals for personnel costs of EUR 1.1 million (prior year of EUR 1.1 million), accruals for various contractual risks of EUR 1.9 million (EUR 6.1 million in prior year) and a EUR 6.5 million accrual for risks associated with a previously owned company (EUR 6.5 million in prior year).

(28) Liabilities due to banks and other

The liabilities are declared at repayment value which represents the fair value. Non-interest bearing liabilities due in more than one year are reduced to their net present value by deducting interest. The liabilities can be broken down as follows:

	Total EUR 000s	31/12/01 thereof due in more than one Year EUR 000s	Total EUR 000s	31/12/00 thereof due in more than one Year EUR 000s
1. Liabilities due to banks	66,965	15,806	89,695	16,488
2. Liabilities due to parent	173,950	—	157,428	—
3. Trade accounts payable	118,665	—	121,310	—
4. Accounts due to affiliated companies	2,017	—	346	—
5. Other liabilities	52,611	—	39,921	—
Total	414,208	15,806	408,700	16,488

The other liabilities contain not only the social security costs, but also liabilities of EUR 8.5 million for wages and salaries (EUR 6.3 million in prior year), EUR 11.4 million for liabilities from aluminum hedges, EUR 12.5 million in liabilities to customers (EUR 6.7 million in prior year) and EUR 4.6 million for accrued dividend to minority shareholder (EUR 4.6 million in prior year).

Liabilities due to banks totaling EUR 37.6 million (EUR 22.8 million in the prior year) were secured by Beverage Cans trade accounts receivable in Great Britain, France and Germany.

F-87

(29) Contingent liabilities and other financial commitments

There were no contingent liabilities at December 31, 2001 and 2000.

Commitments resulting from the purchase orders already placed on the balance sheet date but not yet fulfilled (relating essentially to investment projects) amounted to EUR 1 million and EUR 5 million for the periods ended December 31, 2001 and 2002, respectively.

(30) Financial assets and liabilities

Financial assets and liabilities are understood to comprise all receivables and payables including financial assets that are not created by trading but rather serve to procure funds for the company or lead to an outflow of funds. As the financial assets at "Beverage Cans" are not intended for sale and do not therefore produce any short-term returns, they are declared in total in the section "Financial assets" of the balance sheet. The remaining financial assets with a term of more than one year are valued at cash value. Adjustments relating to collectibility and valuation are applied to individual trade and other receivables where appropriate. A uniform risk deduction of 2% is applied to the remaining receivables. No risk deduction is applied to the financial liabilities.

Unrealized losses of EUR 5.0 million (prior year 0.4 million) and profits of EUR 1.7 million (prior year 1.9 million) from the adjustment of payables and receivables to market value in 2001, the greater part of which is due to the translation of loans raised in foreign currencies were posted with affect on net income.

The following tables provide an insight into the structure of the financial assets and liabilities and the associated exchange rate and other risks.

Trade accounts receivable and other receivables	2001 EUR m	2000 EUR m	Payables (excl. financial liabilities)	2001 EUR m	2000 EUR m
The returns are in					
EUR	59.0	66.0	EUR	118.1	94.7
USD	6.5	2.6	USD	9.2	10.3
GBP	15.1	9.4	GBP	33.6	35.8
Rmb/HKD	11.4	7.1	Rmb/HKD	11.0	13.6
PLN	6.3	7.4	PLN	1.4	3.8
CZK	0.0	0.9	CZK	0.0	3.4
	98.3	93.4		173.3	161.6

The loans from banks and advances from S-L AG are in the following currencies as at the balance sheet date:

Currency	2001 EUR m	2000 EUR m
EUR	200.7	227.4
USD	—	—
GBP	29.7	9.2

Rmb/HKD	10.5	10.5
Total	240.9	247.1

F-88

(31) Financial liabilities

The financial liabilities have the following maturity periods and interest rates (breakdown by liability items):

	31/12/01 EUR m	Average interest rate in percent	31/12/00 EUR m	Average interest rate in percent
Advances from S-L AG				
Term up to 1 year	174.0	6.94%	157.4	7.35%
Liabilities due to banks:				
With variable interest rates				
up to 1 year	49.8	8.9%	72.8	9.50%
1 - 2 years	—	0.00%	—	0.00%
over 2 years	—	0.00%	—	0.00%
With fixed interest rates				
up to 1 year	1.3	5.34%	0.4	3.00%
1 - 2 years	1.7	5.37%	1.5	5.31%
over 2 years	14.1	4.85%	15.0	4.90%
Total	240.9		247.1	

An average interest rate of 7.4% was payable on the financial liabilities taken up from banks and S-L AG globally in 2001 (6.2% in prior year).

(32) Derivative instruments

As part of its risk management strategy, Schmalbach-Lübeca uses derivatives as instruments to manage transactions and control risk levels. The company uses mark-to-market accounting for all derivatives for the periods presented, as a clear assessment of the derivative to the hedged transaction has not been documented.

All these transactions are performed with a specific group of partners of first class credit standing. The conclusion, posting and monitoring of the transactions are organized separately. Derivatives are subject to constant direct supervision by the treasurer and are the subject of monthly risk reports to the Board of Management.

The nominal amount is the total of all the buying and selling amounts on which the business transactions are based. The market values relate to the redemption values of the financial derivatives on the balance sheet date. The nominal amounts and market values of the derivative instruments developed as follows:

	Nominal	Market value	Nominal	Market value
	31/12/01		31/12/00	
	EUR m	EUR m	EUR m	EUR m
Aluminum hedging	48.0	(0.4)	20.4	(0.3)
Exchange rate hedging	41.1	(0.6)	178.3	0.6
Interest rate hedging	121.6	0.5	113.4	1.0
Total	210.7	(0.5)	312.1	1.3

In the course of the 2001 business year, 65,100 tonnes of aluminum were purchased in a futures transaction for 2002. These forward purchases were hedged by identical counter-transactions at the end

F-89

of 2001, simultaneous with the establishment of contractual purchase commitments for sheet aluminum for the year 2002. The losses on these transactions were recognized in the 2001 income statement under mark-to-market accounting. The open aluminum hedging transactions shown in the table for 2001 represent expected transactions hedging 2003 and 2004 expected purchases while the open aluminum hedging transactions shown in the table for 2000 are hedges for expected 2001 purchases.

The exchange rate hedging transactions primarily relate to hedging the aluminum purchases in USD by the European subsidiaries of S-L AG.

There were four interest rate hedging instruments deployed by the Group as at 31.12.2001. Interest caps amounting to EUR 50 million secure S-L AG against a rise in money market interest rates above 4.5% until August 2005. A cross currency swap eliminates all the foreign currency risks to a British company resulting from a loan denominated as EUR

6.2 million. Quanto swaps make the short-term EUR interest rates the determining factor for GBP 20 million in place of the short-term GBP interest rates from November 2004 to 2009, without any exchange rate risk. A sold interest option contains the contingent liability of GBP 20 million in funding having to be taken up at a fixed rate of 5.5% between September 2004 and 2009. The premium received has been posted as a liability.

The valuation of the interest rate derivatives is positive, as no fixed interest rates have been agreed. With this structure, as forecast in the annual report for the previous year, Schmalbach–Lubeca has been able to benefit from falling money market interest rates.

(33) Leasing

Beverage Cans is a party to leasing agreements for buildings with original terms of between 15 and 25 years. The rents paid by Schmalbach–Lubeca in 2001 totaled EUR 10.1 million, EUR 3.3 million for the four months ended December 31, 2000, EUR 6.5 million for the eight months ended August 31, 2000, and EUR 9.5 million in 1999.

The agreed future rental and leasing payments from the non-terminable rental and leasing contracts entered into by the balance sheet date were as follows (nominal values):

	31/12/01 EUR m	31/12/00 EUR m
Rental and leasing contracts:		
up to 1 year	4.8	5.1
between 1 and 5 years	13.0	14.6
over 5 years	10.7	8.8
Less income from subletting:		
up to 1 year	—	0.1
between 1 and 5 years	—	0.3
over 5 years	—	—
Others	—	—

F-90

(34) Supplemental Cash Flow Information

	For 12 months ended 31/12/01 EUR m	For 12 months ended 31/12/00 EUR m	For 4 months ended 31/12/00 EUR m	For 8 months ended 08/31/00 EUR m	For 12 months ended 31/21/99 EUR m
Cash flow from interest and dividends received	1.8	2.7	0.4	1.8	1.3
Cash flow from interest and dividends paid	20.0	34.4	13.4	20.0	9.4
Cash paid/(received) for income taxes	20.1	45.3	25.2	20.1	18.7

(35) Reconciliation of significant differences between IAS and United States Generally Accepted Accounting Principles (US GAAP)

The combined financial statements have been prepared in accordance with IAS, which as applied by Beverage Cans, differs in certain significant respects from US GAAP. The effects of the application of US GAAP to net income and equity are set out in the tables below:

	Notes	For the 12 Months Ended 31/12/01	For the 12 Months Ended 31/12/00	For the 4 Months Ended 31/12/00	For the 8 Months Ended 31/08/00
(in thousands of Euros)					
Net income (loss) reported under IAS		61,531	14,126	(19,918)	34,044
US GAAP adjustments:					
Capital leases	a	(100)	(103)	(34)	(69)
Capitalized interest	b	341	851	425	426
Fixed asset impairment charges	c	(20,000)	—	—	—
Depreciation adjustment on impaired assets	c	118	—	—	—
Negative goodwill—amortization adjustment	e	(246)	—	—	—
Negative goodwill—depreciation adjustment	e	156	—	—	—
Deferred taxes on reconciling items	f	6,638	(148)	(50)	(98)
New basis of accounting	g	(12,479)	(9,907)	(9,907)	—

Goodwill impairment	h	—	(5,900)	(5,900)	
Net income (loss) reported under US GAAP		35,959	(1,081)	(35,384)	34,303

F-91

	Notes	For the 12 months ended 31/12/01	For the 12 months ended 31/12/00	For the 4 months ended 31/12/00	For the 8 months ended 31/08/00
(in thousands of Euros)					
Divisional equity reported under IAS		4,742	(110,909)	(63,678)	(47,231)
US GAAP adjustments:					
Capital vs. operating leases—fixed assets	a	2,691	5,741	2,845	2,896
Capital vs. operating leases—debt	a	(3,221)	(6,566)	(3,275)	(3,291)
Capitalized interest—fixed assets	b	1,191	1,277	851	426
Fixed asset impairment charges—fixed assets	c	(19,881)	—	—	—
Negative goodwill	e	4,708	—	—	—
Negative goodwill—fixed assets	e	(7,349)	—	—	—
Deferred taxes on reconciling items	f	8,912	(501)	(275)	(226)
New basis of accounting	g	569,228	581,707	581,707	—
Divisional equity reported under US GAAP		561,021	470,749	518,175	(47,426)

(a) Capital leases

Under IAS, lease costs are accounted for in accordance with IAS 17, "Leases." For purposes of US GAAP, leases are accounted for in accordance with SFAS No. 13 "Accounting for Leases." SFAS No. 13 is more prescriptive than IAS; for example, in order to qualify as an operating lease rather than a finance lease, under US GAAP, the lease payments cannot exceed 90% of the original cost of the asset. Therefore, certain costs permitted to be expensed as lease expense under IAS must be capitalized under US GAAP. The reconciliation reflects the impact of capitalization of certain operating leases under US GAAP.

(b) Capitalized interest

IAS 23 "Borrowing Costs" provides the option to companies of capitalizing financing costs. Beverage Cans does not capitalize financing costs. US GAAP requires the capitalization of borrowing costs attributable to the acquisition, construction or production of a qualifying asset. Therefore, certain costs permitted to be accounted for as interest expense under IAS must be capitalized under US GAAP. The effects of the capitalization and depreciation of financing costs related to significant plant and equipment construction projects is reflected in the reconciliation.

(c) Impairment Losses

Under IAS 36 "Impairment of Assets" impairment losses are recognized whenever the carrying amount of an asset exceeds its recoverable amount. Under US GAAP, an impairment loss should be recognized under similar circumstances and provisions to IAS 36. However, under US GAAP, after an impairment loss is recognized, the reduced carrying value of the asset shall be accounted for as its new cost and restoration of previously recognized impairment losses is not permitted. In December 2000, it was determined in accordance with IAS and US GAAP that an impairment charge of EUR 20 million was required for certain operating assets. In the fourth quarter of 2001, events occurred, primarily related to the transactions described in Note 16, which impacted the future expected cash flows of these operating assets such that a restoration of the 2000 impairment loss was required under IAS 36. However, under US GAAP, the restoration of the impairment loss to the carrying value of the property is not permitted. Therefore, the effect of reversing the impairment loss in the IAS statements and the resulting impact on the carrying value and depreciation expense under US GAAP is reflected in the reconciliation.

F-92

(d) Pensions

Based upon a review by independent appraisers and the provisions of the Beverage Cans pension plans, there were no significant differences in determining the pension expense and related assets and liabilities under IAS and US GAAP. Therefore, the impact on net investment and net income would be the same. Under IAS, Beverage Cans reflects the interest cost element as interest expense, rather than cost of sales. Under US GAAP, the interest cost is included as pension expense and therefore reflected in cost of sales. The reclassification of pension expense to cost of sales from interest expense under US GAAP was EUR 13.4 million for the year ended December 31, 2001, EUR 4.5 million for the four months ended December 31, 2000 and EUR 8.9 million for the eight months ended August 31, 2000. There was no impact on net income.

(e) Negative goodwill

Under IAS, when the fair market value of the acquired assets less liabilities exceeds the purchase price, the purchase price allocation results in negative goodwill, and the negative goodwill is amortized over the appropriate period. Under US GAAP, the excess is allocated as a reduction of non-current assets. The reconciliation reflects the reduction of the carrying value of plant machinery and equipment to eliminate the negative goodwill recorded under IAS and reflects the impact on net income due to the difference in depreciation of the plant and machinery versus the amortization under IAS of the negative goodwill.

(f) Deferred Taxes

Deferred taxes have been provided on all adjustments at the applicable local country rate to which the adjustment applies.

(g) New Basis of Accounting

Prior to June 19, 2000, S-L AG was owned 59.8% by VIAG. On June 19, 2000, VIAG merged with VEBA to form what is now E.ON AG. In preparation for a potential investment by Allianz in S-L AG, E.ON AG contributed its investment in S-L AG to AVP. On September 4, 2000, Allianz acquired 51% of AVP through an investment in newly issued capital. Also on September 4, 2000, all but the remaining 2.7% external shareholders S-L AG at that time tendered their S-L AG shares to AVP. As a result of these transactions, AVP owned 97.3% of S-L AG.

Under rules and regulations promulgated by the Securities and Exchange Commission, because the cumulative percentage of S-L AG acquired by AVP after the September 4, 2000, acquisition exceeded 95%, the Beverage Cans combined financial statements should be reflected as of the end of August 2000 on a "push down" accounting basis. Therefore, a new basis of accounting was established for periods subsequent to August 31, 2000, reflecting the fair values of acquired assets and liabilities.

F-93

The consideration allocated to the beverage can operations from the consideration for the acquisition of 97.3% of S-L AG was EUR 591.6 million. This purchase price was allocated to the assets and liabilities of Beverage Cans based on the respective fair market values as follows:

	Historical Cost (EUR 000's)	Fair Value (EUR 000's)	Useful Life (years)
Intangible assets	6,100	35,562	5 - 7.3
Goodwill	110,646	602,846	
Property, plant and equipment	335,596	452,800	2 - 26
Shares in associated companies	18,776	18,776	
Other financial assets	65,178	65,178	
Inventories	83,892	90,165	
Accounts receivable, trade	98,969	98,969	
Other receivables and assets	31,255	31,255	
Liquid funds	21,730	21,730	
Other prepaid assets	1,002	1,002	
Pension reserves and accruals for similar obligations	(248,996)	(248,996)	
Current and deferred taxes	172	(53,353)	
Other reserves and accrued liabilities	(58,919)	(58,919)	
Liabilities due to banks and bonds	(154,542)	(154,542)	
Related party loans	(139,965)	(139,965)	
Other liabilities	(64,918)	(64,918)	
Accounts payable, trade	(115,116)	(115,116)	
Deferred income	(10,777)	(10,777)	
Minority interests	(23,243)	(23,243)	
	(43,160)	548,454	

As a result of the new basis of accounting, net assets were increased and additional charges are reflected in the reconciliation from IAS to US GAAP. The new basis of accounting is reflected in all periods subsequent to August 31, 2000. The pro forma impact on net income as if the transaction had occurred on January 1, 1999 related to the new basis of accounting for the eight-month period ended August 31, 2000 and December 31, 1999 consisted of the effects of depreciation of fixed assets and the amortization of goodwill and intangible assets. The impact related to depreciation and amortization resulted in a reduction of net income, after applicable taxes, of EUR 8.6 million and EUR 12.8 million, for the period ended August 31, 2000 and December 31, 1999, respectively. There was no other impact to the income statement as a result of the new basis of accounting.

(h) Goodwill impairment

In the four months ended December 31, 2000, an impairment charge under IAS 36 was recorded for EUR 10.8 million to write-off the goodwill related to Beverage Can's China investment. A charge for US GAAP under FASB 121 was also appropriate. However, under IAS 22, prior to amendment in 1995, there was additional goodwill related to China that was offset against equity. Under US GAAP, goodwill cannot be offset against equity, so this goodwill would also have been impaired in 2000 under US GAAP. Therefore, an additional charge of EUR 5.9 million is required for US GAAP purposes for the four months ended December 31, 2000.

(i) New US accounting standards

In June 2001, the Financial Accounting Standards Board ("FASB") issued Statement of Financial Accounting Standards No. 141, "Business Combinations" ("FAS No. 141"). FAS No. 141 requires that the purchase method of accounting be used for all business combinations initiated after June 30, 2001,

F-94

provides specific criteria for the initial recognition and measurement of intangible assets apart from goodwill and requires that unamortized negative goodwill be written off immediately as an extraordinary gain instead of being deferred and amortized. The statement supercedes APB No 16 "Business Combinations."

In July 2001, the FASB issued FAS No. 142, "Goodwill and other intangible assets" ("FAS No. 142"). The statement will be effective for the years beginning after December 15, 2001, and may not be retroactively applied to the financial statements of prior periods. FAS No. 142 requires that goodwill, including previously existing goodwill, and intangible assets with indefinite lives will no longer be amortized but should be tested for impairment annually. Goodwill and intangible assets with indefinite lives will no

longer be tested for impairment under FAS No. 121. Beverage Cans is in the process of assessing the impact of this statement on its operating results and the financial position. No transition adjustment has been provided as the required impairment tests for the adoption of FAS No. 142 have been performed and we have determined that no impairment exists at this time.

In July 2001, the FASB issued FAS No. 143, "Accounting for Obligations Associated with the Retirement of Long-Lived Assets." This standard will be effective for Beverage Cans for the year ending December 31, 2003. The standard provides the accounting requirements for retirement obligations associated with tangible long-lived assets. The standard requires that the obligation associated with the retirement of the tangible long-lived assets be capitalized into the asset cost at the time of initial recognition. The liability is then discounted to its fair value at the time of recognition using the guidance provided by the standard. We have not yet quantified the impact that adoption of SFAS No. 143 will have on our results of operations and financial position.

In October 2001, the FASB issued FAS No. 144, "Accounting for the impairment or disposal of long lived assets" ("FAS No. 144"). This standard will be effective for Beverage Cans for the years beginning after December 15, 2001. FAS No. 144 supercedes FAS No. 121 and APB 30. FAS No. 144 applies to all long-lived assets, including discontinued operations. The standard develops one accounting model for long-lived assets that are to be disposed of by sale. FAS No. 144 requires that long-lived assets that are to be disposed of by sale be measured at the lower of book value or fair value less costs to sell. Beverage Cans is in the process of assessing the impact of this statement on the operating results and the financial position.

In April 2002, the FASB issued FAS No. 145, "Rescission of FASB Statement Nos. 4, 44 and 64, amendment of FASB Statement No. 12, and "Technical Corrections" ("FAS No. 145"). FAS No. 145 is effective for fiscal years beginning and certain transactions entered into after May 15, 2002. The issues and amendments addressed by FAS No. 145 are not expected to have a material effect on the financial position or results of operations of the Beverage Cans.

In June 2002, the FASB issued FAS No. 146, "Accounting for Costs Associated with Exit or Disposal Activities" ("FAS No. 146"). FAS No. 146 addresses financial accounting and reporting for costs associated with exit or disposal activities (excluding an entity newly acquired in a business combination), often referred to as "restructuring costs", and nullifies prior accounting guidance with respect to such costs. This Statement will spread out the reporting of expenses related to restructurings initiated after 2002, because a commitment to a plan to exit an activity or dispose of long-lived assets will no longer be enough to record a liability for the anticipated costs. The provisions of FAS No. 146 is effective for exit or disposal activities initiated after December 31, 2002, with no retroactive restatement allowed. Beverage Cans is unable to determine at this time whether these costs will be incurred or whether they will be material to its results of operations or financial position.

F-95

(36) Subsequent events

On September 30, 2002, one of our subsidiaries in Poland received a tax assessment relating to corporate income tax for the year 1996. Beverage Cans was granted a tax holiday by the Polish authorities in 1995, provided that it met certain conditions which included complying with environmental regulations and achieving certain export sales ratios. The tax assessment challenges many aspects of the subsidiary's business, including whether it had met the environmental requirements contained in the tax holiday. The assessment also questioned the appropriateness of transfer pricing policies between the subsidiary and related companies within the group, which could impact export sales ratios contained in the tax holiday. If the challenge by the tax authority is successful, we may be liable for corporate income tax on profits generated in Poland for the period from 1996 onwards together with late payment interest. We presently estimate that the potential liability amounts to EUR 15 million to EUR 27 million for which no provision has been made. We have submitted an appeal against the tax assessment, which is currently being considered by the authorities. At this time, Beverage Cans believes that it is not probable that the liability will be incurred.

F-96

Schmalbach-Lubeca		
Beverage Cans		
Unaudited Combined Statements of Income		
(in thousands of Euros)		
	For the 9 months ended 30/09/02	For the 9 months ended 30/09/01
Sales	888,375	716,247
Cost of Sales	(663,111)	(574,569)
Gross Profit	225,264	141,678
Selling expenses	(27,142)	(17,424)
General and administrative expenses	(34,300)	(37,007)
Other operating income	25,619	13,064
Other operating expenses	(41,869)	(20,675)
Income from operating activities	147,572	79,636
Interest expense	(13,980)	(21,415)
Income before income taxes and minority interests	133,592	58,221
Taxes on income	(41,368)	(17,619)
Income before minority interests	92,224	40,602

Minority interests share of income	—	1,365
Net income	92,224	41,967

The accompanying notes are an integral part of these combined financial statements.

F-97

Schmalbach–Lubeca
Beverage Cans
Unaudited Combined Balance Sheet
(in thousands of Euros)

	30/09/2002	31/12/2001
Assets		
Non-current assets		
Property, plant and equipment	320,570	367,613
Goodwill and intangible assets	127,723	101,408
Shares in associated companies	73	6,825
Other financial assets	64,291	64,850
Deferred taxes	5,541	13,081
	518,198	553,777
Current assets		
Other prepaid expenses	—	942
Inventories	97,860	97,498
Other receivables and assets	34,231	24,442
Accounts receivable, trade	122,513	73,891
Cash and cash equivalents	40,368	5,131
	294,972	201,904
Total assets	813,170	755,681
Liabilities and Divisional Equity		
Divisional equity		
SL-AG investment in Beverage Can Product Group	173,748	4,742
Minority interests	—	20,555
Non-current liabilities		
Liabilities due to banks	14,976	15,806
Deferred taxes	23,250	23,130
Pension reserves and accruals for similar obligations	251,153	248,321
Provisions	9,731	10,826
	299,110	298,083
Current liabilities		
Accounts payable, trade	136,643	118,665
Accrued taxes	61,662	18,453
Liabilities due to banks	78,054	51,159
Liabilities due to parent	—	173,950
Provisions	23,040	14,605

Other liabilities	40,270	54,628
Deferred income	643	841
	340,312	432,301
Total Liabilities and Divisional Equity	813,170	755,681

The accompanying notes are an integral part of these combined financial statements.

F-98

Schmalbach–Lubeca
Beverage Cans
Unaudited Development of the Divisional Equity
(in thousands of Euros)

	Divisional Equity
As at 31 December 2000	(63,678)
Currency adjustments	554
Net income	41,967
As at 30 September 2001	(21,157)
Currency adjustments	6,335
Net income	19,564
As at 31 December 2001	4,742
Conversion of S-L AG advances to equity	87,426
Currency adjustments	(10,644)
Net income	92,224
As at 30 September 2002	173,748

The accompanying notes are an integral part of these combined financial statements.

F-99

Schmalbach–Lubeca
Beverage Cans
Unaudited Condensed Combined Statements of Cash Flows
(in thousands of Euros)

	For the 9 months ended 30/09/02	For the 9 months ended 30/09/01
I. Cash flow from operations	139,000	16,973
II. Cash flow from investing activities	(64,316)	(12,243)
Subtotal of cumulated cash flow	74,684	4,730
III. Cash flow from financing activities	(37,170)	28,582
Funds available		
Changes in funds affecting payments	37,514	33,312
+Changes in funds resulting from exchange rates and valuations	(2,277)	(554)
+Funds at the beginning of the period	5,131	2,075

The accompanying notes are an integral part of these combined financial statements.

F-100

Schmalbach–Lubeca

Beverage Cans

Notes to the Unaudited Combined Financial Statements

Schmalbach–Lubeca AG

Schmalbach–Lubeca ("S-L AG") is established in the legal form of a German Aktiengesellschaft (AG) and is located in Ratingen, Germany. The company is registered in the commercial register of Dusseldorf, Germany. S-L AG is a subsidiary of AV Packaging GmbH, Munich ("AVP"), which holds 97.6% of the shares in S-L AG, with the remaining 2.4% of the shares held by external shareholders. Substantially all the shares in AVP are held by E.ON AG and Allianz Capital Partners GmbH, a subsidiary of Allianz AG. At December 31, 2001, S-L AG consisted of 8 German and 70 non-German fully consolidated companies, one associated company included at equity and one investment included at cost. S-L AG was comprised of three operating segments, PET containers, White Cap closures and Beverage cans. PET containers manufactures returnable and one-way PET bottles, preforms and tooling and moulds for injection molding and stretch-blow molding machines. White Cap closures manufactures plastic and composite closures for oxygen-sensitive, vacuum-packaged and aseptically vacuum-packaged food products and beverages. Beverage cans manufactures two-piece tinsplate and aluminum beverage cans and ends ("Beverage Can Operations").

Divestments

On May 8, 2002, S-L AG announced agreement for the sale of both the PET container and White Cap closures operations to the Australian packaging company Amcor Limited ("Amcor Transaction"). The transaction closed on July 1, 2002.

On August 29, 2002, S-L AG announced agreement for the sale of the stock of S-L AG (the "Ball Transaction") to the American based packaging company Ball Corporation ("Ball"). Ball will be acquiring the German-based company for approximately EUR 922.3 million in cash plus assumption of S-L AG's pension liabilities, which, for purposes of establishing the purchase price, were valued at December 31, 2001 at approximately EUR 245 million, less the assumption of approximately EUR 16 million of debt. The final purchase price is subject to working capital and other post-closing adjustments. The transaction is expected to close in late 2002 or early 2003.

Proceeds from the Amcor Transaction were used to liquidate the debt of S-L AG, except the EUR 16 million of debt to be assumed by Ball and minor amounts related to specific tax positions in certain countries, which will be liquidated prior to closing of the Ball Transaction. Any remaining proceeds will be distributed to AVP prior to the closing of the Ball Transaction. In addition, a reorganization of S-L AG will occur prior to the close of the Ball Transaction in order to remove certain other assets and liabilities that Ball is not acquiring, primarily a share investment in Impress Metal Packaging Holdings B.V, which is accounted for at cost.

At the closing of the Ball Transaction, S-L AG will primarily consist of the Beverage Can Operations, the S-L AG corporate headquarters function and certain acquired assets and liabilities of S-L AG. At the closing, the Beverage Can Operations will consist of 10 can plants, 2 end facilities, and a technical center. These facilities are located in Germany, England, France, Netherlands, and Poland. An investment in China was sold in June 2002.

Basis of combination and presentation

These combined financial statements include substantially all of the assets, liabilities, results of operations and cash flows attributable to the historical Beverage Can Operations of S-L AG in addition to the S-L AG corporate headquarters function allocated to the Beverage Can Operations and certain

F-101

acquired assets and liabilities of S-L AG to be acquired (hereinafter referred to collectively as "Beverage Cans"). The Beverage Can Operations constitute a single business segment based primarily in Europe. As such, no segment reporting is included in the Beverage Cans combined financial statements. Beverage Cans is not a separate legal entity and has not been separately financed. The combined financial statements are prepared on a historical cost basis, except as disclosed in the accounting policies below, from the books and records of the Beverage Can Operations and S-L AG.

The Beverage Cans combined financial statements have been prepared on the basis of established accounting methods, practices, procedures and policies and the accounting judgments and estimation methodologies used by Beverage Cans and S-L AG as explained below. Beverage Cans combined financial statements are prepared in accordance with the International Accounting Standards ("IAS") of the International Accounting Board ("IAB"), taking into account the interpretations of the Standing Interpretations Committee ("SIC"). IAS differs in certain respects from generally accepted accounting principles ("GAAP") in the United States and certain other countries. Material differences between IAS and GAAP that effect the Beverage Cans combined financial statements are discussed in the notes to these combined financial statements.

The combined statement of income includes all items of revenue and income generated by the Beverage Can Operations and all items of expense directly incurred by it and expenses charged or allocated to it by S-L AG in the normal course of business. Certain S-L AG corporate expenses were allocated to the combined financial statements of Beverage Cans as representative of costs related to the Beverage Can Operations. The basis of allocation of S-L AG expenses, assets and liabilities is discussed in Summary of Significant Accounting Policies.

Summary of Significant Accounting Policies

Allocation of S-L AG Corporate assets, liabilities and expenses

The Beverage Cans combined financial statements include an allocation of selected corporate assets and liabilities and expenses of S-L AG's corporate headquarters, including certain expenses recorded in S-L AG consolidation entries (referred to collectively as "Corporate").

Expense Allocations

The Beverage Can Operations, as a part of Beverage Cans, receive the benefit of certain services rendered by S-L AG (the allocation of Interest and Taxes are discussed separately below). Costs incurred primarily include the costs of the headquarter function such as personnel costs, supplies, outside services and other costs related to the corporate, accounting, legal, treasury, tax, information services and purchasing functions. Where it is possible to specifically identify these costs as relating to the Beverage Can Operations, the costs are charged directly to Beverage Cans, at cost. Where it is possible to specifically identify costs related to the PET containers and White Cap closure operations, the costs are charged directly to those operations and are therefore excluded from the Beverage Cans combined financial statements. Where it is not possible to specifically identify the costs as relating to Beverage Cans or the PET container and White Cap closure operations, a portion of the total costs for these services are allocated, at cost, to Beverage Cans. The allocation process for these costs differs based on whether the costs relate to S-L AG operations within Germany, S-L AG operations outside Germany or S-L AG costs not specifically related to or specifically identifiable as German or non-German operations.

The costs specifically identified as relating to the operations within Germany are allocated to all operating units (i.e., Beverage Can Operations, PET containers and White Cap closures) based on their respective revenues within Germany relative to total consolidated S-L AG revenues within Germany. The costs specifically identified as relating to the operations outside of Germany are allocated to all operating units based upon their respective revenues outside of Germany relative to total consolidated

F-102

S-L AG revenues outside of Germany. Finally, the costs that cannot be specifically identified as relating to German or non-German operations are allocated to all operating units based upon their respective revenues relative to total consolidated S-L AG revenues.

These allocated costs are included in the appropriate line on the Beverage Cans combined statement of income according to the nature of the costs.

Interest Expense

Interest expense is determined for the Beverage Cans combined financial statements based upon the level of debt assigned to Beverage Cans relative to the overall debt of consolidated S-L AG. The allocation of debt is discussed below. Interest related to debt held by, or directly attributable to, the fully included subsidiaries that contain the Beverage Can Operations is retained in the Beverage Cans combined financial statements.

Taxes

Beverage Cans' results have been historically included in the S-L AG, and subsidiary, applicable country and local tax returns that in some cases were filed in combined group returns, including the PET container and White Cap closure operations. The provision for income taxes, the related assets and liabilities and the disclosures in the footnotes for the Beverage Cans combined financial statements are presented and based upon a calculation of a standalone Beverage Cans tax provision on a separate return basis for each company in the Beverage Can Operations. There is also a tax provision based on the allocation of the Corporate costs assigned to Beverage Cans and the net income before taxes of the German beverage can plants and technical center owned by S-L AG.

Balance Sheet Allocations

The assets and liabilities of Corporate are allocated to Beverage Cans in a manner consistent with the allocation of expenses. However, the pension obligations of S-L AG, excluding obligations for active participants related to the PET containers and White Cap closure operations, have been included in the Beverage Cans combined financial statements consistent with the Share Sale and Transfer Agreement between Ball and AVP. The debt reflected in the combined financial statements of Beverage Cans consists of all debt directly attributable to the Beverage Can Operations and advances from S-L AG ("Advances"). Advances are provided or repaid for all periods based upon the net cash inflow or outflow of Beverage Cans in excess of the debt directly attributable to the Beverage Can Operations. Interest on Advances is recorded in Beverage Cans at a rate consistent with the average cost of third party debt, including in some periods related party debt, obtained by S-L AG.

Management believes that the accounting judgments, estimations and allocations made in preparing these combined financial statements are reasonable under the circumstances; however, the costs allocated are not necessarily indicative of the costs that would have been incurred if Beverage Cans had incurred these costs and performed these functions as a standalone entity. In addition, there can be no assurances that such allocations will necessarily be indicative of future results or what the financial position and results of the operations of Beverage Cans would have been had it been a separate, standalone entity during the periods presented.

Principles of Combination

These combined financial statements include the accounts of Beverage Cans after eliminating profits and losses on transactions within the Beverage Cans group. Fully combined in the balance sheet for Beverage Cans at December 31, 2001, are 4 German and 11 non-German subsidiaries, along with 3

F-103

operating plants and the technical center owned by S-L AG. The following table provides the consolidated subsidiaries included in the Beverage Cans combined financial statements, along with the ownership percentage and country of incorporation of each:

Name of Entity	Ownership Percentage	Country of Incorporation
Continental Can Europe Beteiligungsgesellschaft GmbH	100%	Germany
Schmalbach-Lubeca Getrankedosen GmbH	100%	Germany
Schmalbach-Lubeca Unterstutzungskasse GmbH	100%	Germany
Continental Can UK Holding Company Ltd.	100%	United Kingdom
Continental Can Company Ltd.	100%	United Kingdom
Continental Can Benelux B.V.	100%	Netherlands
Continental Can France S.A.S.	100%	France
Continental Can La Ciotat S.A.S.	100%	France
Continental Can Handelsgesellschaft GmbH	100%	Austria
Continental Can Polska Sp. z.o.o	100%	Poland
Continental Can Trading Sp. z.o.o	100%	Poland
Continental Can Europe Espana S.A. i.L	100%	Spain
Schmalbach-Lubeca South East Europe d.o.o	100%	Yugoslavia

The combined financial statements also fully include three dormant companies and four insignificant companies whose assets and liabilities are allocated to Beverage Cans. These seven companies will be transferred to an affiliate of AVP prior to closing of the Ball Transaction. Recal Organizacja Odzysku S.A. (Poland), a 50%-owned subsidiary, and North Pacific Can Co. (Dalian) Ltd. (China), a 25.5%-owned associate investment, are included in the Beverage Cans financial statements under the equity method of accounting.

The combined financial statements include the consolidation of the subsidiaries specified above. Significant intercompany transactions are eliminated. The associate investments included under the equity method of accounting are 50% or less owned investments and Beverage Cans does not control, but exercises significant influence over, operating and financial affairs. Other investments that are less than 20% owned are carried at fair value, or historical cost if they are not traded on an active market and an alternative method of reasonably estimating fair value is inappropriate or unworkable.

Subsidiaries are eliminated from the combined balance sheet when control ceases. Goodwill relating to the divested subsidiaries or parts of subsidiaries is taken into account as a disposal affecting net earnings.

The purchase method of accounting is used to account for the acquisition of subsidiaries. The cost of an acquisition is measured as the fair value of the assets given up, shares issued or liabilities undertaken at the date of acquisition plus costs directly attributable to the acquisition. The excess of the cost of acquisition over the fair value of the net assets of the subsidiary acquired is recorded as goodwill.

General

The accompanying condensed interim combined financial statements have been prepared in accordance with IAS 34 "Interim Financial Reporting" by Beverage Cans without audit. The same accounting policies and methods of computation are followed in the interim financial statements as compared with the most recently prepared Beverage Cans combined annual financial statements. Certain information and footnote disclosures, included in the Beverage Cans combined annual financial statements prepared in accordance with IAS of the IAB, taking into account the interpretations of the SIC, have

F-104

been condensed or omitted. IAS differs in certain respects from US GAAP and GAAP in certain other countries. Material differences between IAS and US GAAP that effect the Beverage Cans' financial statements are discussed below.

The preparation of financial statements in conformity with IAS requires management to make estimates and assumptions that affect the reported amounts of assets and liabilities and disclosure of contingent assets and liabilities at the date of the financial statements, and reported amounts of revenues and expenses during the reporting period. These estimates are based on historical experience and various other assumptions believed to be reasonable under the circumstances. However, management of Beverage Cans believes that the financial statements reflect all adjustments of a normal recurring nature and are necessary for a fair statement of the results for the interim period. Actual results could differ from these estimates under different assumptions or conditions.

Results of operations for the periods shown are not necessarily indicative of results for the year, particularly in view of some seasonality in packaging operations. It is suggested that these unaudited condensed combined financial statements and accompanying notes be read in conjunction with Beverage Can's combined financial statements and the accompanying notes thereto.

Significant Events

In the first nine months of 2002, Beverage Cans sales increased 24% to EUR 888 million (previous interim period EUR 716 million). Earnings before interest and taxes for the first nine months rose to EUR 147.6 million (previous interim period EUR 79.6 million). Increases in volumes in France and the United Kingdom following the acquisition of plants in La Ciotat and Runcorn were significant factors in these increases. In addition, operating margins increased for the nine-month period ended September 30, 2002, as compared to the comparable prior year period, primarily due to a decrease in aluminum prices.

Capital expenditures in the first nine months of 2002 were higher than the comparable prior year interim period. The largest individual projects were the installation of an additional can end press at the Braunschweig plant and the modernization of a can production line at the plant in Oss, the Netherlands.

In the nine months ended September 30, 2002, Beverage Cans acquired the minority shareholding in its British company previously held by a financial investor. The total purchase price was EUR 51 million and resulted in additional goodwill of EUR 31 million.

In June 2002, Beverage Cans sold its investment in China for EUR 12 million. The transaction resulted in a loss of EUR 1.4 million.

On September 30, 2002, one of our subsidiaries in Poland received a tax assessment relating to corporate income tax for the year 1996. Beverage Cans was granted a tax holiday by the Polish authorities in 1995, provided that it met certain conditions which included complying with environmental regulations and achieving certain export sales ratios. The tax assessment challenges many aspects of the subsidiary's business, including whether it had met the environmental requirements contained in the tax holiday. The assessment also questioned the appropriateness of transfer pricing policies between the subsidiary and related companies within the group, which could impact export sales ratios contained in the tax holiday. If the challenge by the tax authority is successful, we may be liable for corporate income tax on profits generated in Poland for the period from 1996 onwards together with late payment interest. We presently estimate that the potential liability amounts to EUR 15 to 27 million for which no provision has been made. We have submitted an appeal against the tax assessment, which is currently being considered by the authorities. At this time, Beverage Cans believes that it is not probable that the liability will be incurred.

F-105

Significant differences between IAS and United States Generally Accepted Accounting Principles (US GAAP)

The Operation's consolidated financial statements have been prepared in accordance with IAS, which as applied by the Operation, differs in certain significant respects from US GAAP. The effects of the application of US GAAP to net income and equity are set out in the tables below:

Notes	For the 9 Months	For the 9 Months
-------	---------------------	---------------------

		Ended 30/09/02	Ended 30/09/01
Net income reported under IAS		92,224	41,967
US GAAP adjustments:			
Capital leases	a	(73)	(75)
Capitalized interest	b	(80)	367
Depreciation adjustment on impaired assets	c	2,516	—
Negative goodwill — amortization adjustment	d	(743)	—
Negative goodwill — depreciation adjustment	d	469	—
Deferred taxes on above adjustments	e	(1,058)	(198)
Goodwill — amortization adjustment	f	5,826	—
New basis of accounting	g	4,217	(8,835)
Basis adjustment	j	5,900	—
Net income reported under US GAAP		109,198	33,226
	Notes	For the 9 Months Ended 30/09/02	For the 9 Months Ended 30/09/01
Equity reported under IAS		173,748	(21,157)
US GAAP adjustments:			
Capital vs. operating leases — fixed assets	a	2,575	2,729
Capital vs. operating leases — debt	a	(3,179)	(3,235)
Capitalized interest — fixed assets	b	1,112	1,218
Fixed asset impairment charges — fixed assets	c	(17,366)	—
Negative goodwill	d	3,965	—
Negative goodwill — fixed assets	d	(6,880)	—
Deferred taxes on above adjustments	e	7,855	(474)
Goodwill — amortization adjustment	f	5,826	—
New basis of accounting	g	573,446	572,872
		741,102	551,953

(a) Capital leases

Under IAS, lease costs are accounted for in accordance with IAS 17, "Leases." For purposes of US GAAP, leases are accounted for in accordance with SFAS No. 13 "Accounting for Leases." SFAS No. 13 is more prescriptive than IAS; for example, in order to qualify as a finance lease rather than an operating lease, under US GAAP, the lease payments cannot exceed 90% of the original cost of the asset. Therefore, certain costs permitted to be expensed as lease expense under IAS must be capitalized under US GAAP. The reconciliation reflects the impact of capitalization of certain operating leases under US GAAP.

F-106

(b) Capitalized interest

IAS 23 "Borrowing Costs" provides the option to companies of capitalizing financing costs. Beverage Cans does not capitalize financing costs. US GAAP requires the capitalization of borrowing costs directly attributable to the acquisition, construction or production of a qualifying asset. Therefore, certain costs permitted to be accounted for as interest expense under IAS must be capitalized under US GAAP. The effects of the capitalization and depreciation of financing costs related to significant plant and equipment construction projects is reflected in the reconciliation.

(c) Impairment Losses

Under IAS 36 "Impairment Assets" impairment losses are recognized whenever the carrying amount of an asset exceeds its recoverable amount. Under US GAAP, an impairment loss should be recognized under similar circumstances and provisions to IAS 36. However, under US GAAP, after an impairment loss is recognized, the reduced carrying value of the asset shall be accounted for as its new cost and restoration of previously recognized impairment losses is not permitted. In December 2000, it was determined in accordance with IAS and US GAAP that an impairment charge of EUR 20 million was required for certain operating assets. In the fourth quarter of 2001, events occurred, primarily related to the transactions described in Note 15, which impacted the future expected cash flows of these operating assets such that a restoration of the 2000 impairment

loss was permitted under IAS 36. However, under US GAAP, the restoration of the impairment loss to the carrying value of the property is not permitted. Therefore, the effect of reversing the impairment loss in the IAS statements and the resulting impact on the carrying value and depreciation expense under US GAAP is reflected in the reconciliation.

(d) Negative goodwill

Under IAS, when the fair market value of the acquired assets less liabilities exceeds the purchase price, the purchase price allocation results in negative goodwill, and the negative goodwill is amortized over the appropriate period. Under US GAAP, the excess is allocated as a reduction of non-current assets. The reconciliation reflects the reduction of the carrying value of plant machinery and equipment to eliminate the negative goodwill recorded under IAS and reflects the impact on net income due to the difference in depreciation of the plant and machinery versus the amortization under IAS of the negative goodwill.

(e) Deferred Taxes

Deferred taxes have been provided on all adjustments at the applicable local country rate to which the adjustment applies.

(f) Goodwill

Under IAS 22 "Business Combinations" Goodwill is amortized on a systematic basis over its useful life. Under US GAAP FAS No. 142 requires that goodwill, including previously existing goodwill, and intangible assets with indefinite lives will no longer be amortized but should be tested for impairment annually. The reconciliation reflects the elimination of the amortization of goodwill. No transition adjustment was required as the impairment tests required upon adoption in January 1, 2002, have been performed and no impairment exists at this time.

(g) New Basis of Accounting

Prior to June 19, 2000, S-L AG was owned 60% by VIAG. On June 19, 2000, VIAG merged with VEBA to form what is now E.ON AG. In preparation for a potential investment by Allianz in S-L AG, E.ON AG contributed its investment in S-L AG to AVP. On September 4, 2000, Allianz acquired 51% of AVP through an investment in newly issued capital. Also on September 4, 2000, all but the remaining 2.7% external shareholders of S-L AG at that time tendered their S-L AG shares to AVP. As a result of these transactions, AVP owned 97.3% of S-L AG.

F-107

Under rules and regulations promulgated by the Securities and Exchange Commission, because the cumulative percentage of S-L AG acquired by AVP after the September 4, 2000, acquisition exceeded 95%, the Beverage Cans combined financial statements should be reflected as of the end of August 2000 on a "push down" accounting basis. Therefore, a new basis of accounting was established effective for August 31, 2000, reflecting the fair values of acquired assets and liabilities. The consideration allocated to the beverage can operations from the consideration for the acquisition of 97.3% of S-L AG was EUR 591.6 million. This purchase price was allocated to the assets and liabilities of Beverage Cans based on the respective fair market values as follows:

	Historical Cost (EUR 000's)	Fair Value (EUR 000's)	Useful Life (years)
Intangible assets	6,100	35,562	5-7.3
Goodwill	110,646	602,846	
Property, plant and equipment	335,596	452,800	2-26
Shares in associated companies	18,776	18,776	
Other financial assets	65,178	65,178	
Inventories	83,892	90,165	
Accounts receivable, trade	98,969	98,969	
Other receivables and assets	31,255	31,255	
Liquid funds	21,730	21,730	
Other prepaid assets	1,002	1,002	
Pension reserves and accruals for similar obligations	(248,996)	(248,996)	
Current and deferred taxes	172	(53,353)	
Other reserves and accrued liabilities	(58,919)	(58,919)	
Liabilities due to banks and bonds	(154,542)	(154,542)	
Related party loans	(139,965)	(139,965)	
Other liabilities	(64,918)	(64,918)	
Accounts payable, trade	(115,116)	(115,116)	
Deferred income	(10,777)	(10,777)	
Minority interests	(23,243)	(23,243)	
	(43,160)	548,454	

As a result of the new basis of accounting, net assets were increased and additional charges are reflected in the reconciliation from IAS to US GAAP. The new basis of accounting is reflected in all periods subsequent to August 31, 2000. The pro forma impact on net income consisted of the effects of depreciation of fixed assets and the amortization of goodwill and intangible assets.

(h) Pensions

Based upon a review by independent appraisers and the provisions of the Beverage Cans pension plans, there were no significant differences in determining the pension expense and related assets and liabilities under IAS and US GAAP. Therefore, the impact on net investment and net income would be the same. Under IAS, Beverage Cans reflects the interest cost element as interest expense, rather than cost of sales. Under US GAAP, the interest cost is included as pension expense and therefore reflected in cost of sales. The reclassification of pension expense to cost of sales from interest expense under US GAAP was EUR 10.5 million for the nine months ended September 30, 2002 and EUR 10.0 million for the nine months ended September 30, 2001. There was no impact on net income.

(i) Basis adjustment

In June 2002, Beverage Can's investment in China was sold for EUR 12 million that resulted in a loss of EUR 1.4 million under IAS. The loss included the write-off of EUR 5.9 million for goodwill that had been previously offset against equity under IAS 22, prior to amendment in 1995. For US GAAP purposes, this goodwill has been previously written off in the four-month period ending December 31, 2000. Therefore, a US GAAP adjustment is required to reverse the charge taken for IAS for

F-108

the EUR 5.9 million of goodwill. The US GAAP difference results from the cost basis difference between US GAAP and IAS at the time of sale.

(j) New US accounting standards

In July 2001, the FASB issued Statement of Financial Accounting Standards ("FAS") No. 143, "Accounting for Obligations Associated with the Retirement of Long-Lived Assets." This standard will be effective for Beverage Cans for the year ending December 31, 2003. The standard provides the accounting requirements for retirement obligations associated with tangible long-lived assets. The standard requires that the obligation associated with the retirement of the tangible long-lived assets be capitalized into the asset cost at the time of initial recognition. The liability is then discounted to its fair value at the time of recognition using the guidance provided by the standard. We have not yet quantified the impact that adoption of FAS No. 143 will have on our results of operations and financial position.

In April 2002, the FASB issued FAS No. 145, "Rescission of FASB Statement Nos. 4, 44 and 64, amendment of FASB Statement No. 12, and Technical Corrections" ("FAS No. 145"). FAS No. 145 is effective for fiscal years beginning and certain transactions entered into after May 15, 2002. The issues and amendments addressed by FAS No. 145 are not expected to have a material effect on the financial position or results of operations of the Beverage Cans.

In June 2002 the FASB issued FAS No. 146, "Accounting for Costs Associated with Exit or Disposal Activities," ("FAS No. 146"). FAS No. 146 addresses financial accounting and reporting for costs associated with exit or disposal activities (excluding an entity newly acquired in a business combination), often referred to as "restructuring costs", and nullifies prior accounting guidance with respect to such costs. This Statement will spread out the reporting of expenses related to restructurings initiated after 2002, because a commitment to a plan to exit an activity or dispose of long-lived assets will no longer be enough to record a liability for the anticipated costs. The provisions of FAS No. 146 are effective for exit or disposal activities initiated after December 31, 2002, with no retroactive restatement allowed. Beverage Cans is unable to determine at this time whether these costs will be incurred or whether they will be material to its results of operations or financial position.

F-109

\$300,000,000



Ball Corporation

OFFER TO EXCHANGE

**6⁷/₈% Senior Notes
due 2012**

for

**6⁷/₈% Senior Notes
due 2012**

**PROSPECTUS
, 2003**

PART II

INFORMATION NOT REQUIRED IN PROSPECTUS

Item 20. Indemnification of Directors and Officers

The following summary is qualified in its entirety by reference to the complete text of the statute and the amended articles of incorporation referred to below.

Ball Corporation is empowered by Chapter 37 of the Indiana Business Corporation Law (the "IBCL"), subject to the procedures and limitations therein, to indemnify any person against expenses (including attorneys' fees) and the obligation to pay a judgment, settlement, penalty, fine or reasonable expenses incurred with respect to a threatened, pending or completed action, suit or proceeding, whether civil, criminal, administrative or investigative and whether formal or informal, in which such person is made a party because such person is or was a director, officer, employee or agent of Ball Corporation if his or her conduct was in good faith and he or she reasonably believed that, if acting in the individual's official capacity, the conduct was in the best interests of the corporation and in all other cases, the conduct was not opposed to the corporation's best interests. In the case of any criminal proceeding, Ball Corporation is empowered to indemnify a person if he or she had reasonable cause to believe the conduct was lawful or had no reasonable cause to believe the conduct was unlawful. The statute provides that indemnification pursuant to its provisions is not exclusive of other rights of indemnification to which a person may be entitled under a corporation's articles of incorporation or bylaws, resolution of the board of directors or of the shareholders, or otherwise. In addition, unless limited by its articles of incorporation, a corporation shall indemnify a director or officer who was wholly successful, on the merits or otherwise, in the defense of any proceeding to which the director or officer was a party because he or she is or was a director or officer of the corporation against reasonable expenses incurred by him or her in connection with the proceeding. A corporation has the power to purchase and maintain insurance on behalf of any of the persons described above against any liability asserted against or incurred by such person in any of the capacities described above, or arising out of such person's status as such, whether or not the corporation would have the power to indemnify such person against such liability under the IBCL.

Article XII, Section B of Ball Corporation's amended articles of incorporation, dated August 2, 1996, obligates Ball Corporation to indemnify any person in connection with any liability arising by reason of such person's status as a past or present director, officer or employee of Ball Corporation or of any other enterprise which he or she is serving or served in any capacity at the request of Ball Corporation if such person is determined to have met the standard of conduct specified in Section 8 of Chapter 37 of the IBCL; provided, however, there shall be no indemnification (a) as to amounts paid or payable to Ball Corporation or such other enterprise for or based upon the person having gained in fact any personal profit or advantage to which he or she was not legally entitled; (b) as to amounts paid or payable to Ball Corporation for an accounting of profits in fact made from the purchase or sale of securities of Ball Corporation within the meaning of Section 16(b) of the Securities Exchange Act of 1934 and amendments thereto or similar provisions of any state statutory law; or (c) with respect to matters as to which indemnification would be in contravention of the laws of the State of Indiana or of the United States of America whether as a matter of public policy or pursuant to statutory provisions. In addition, any person who has been wholly successful with respect to any proceeding of the type described above is entitled to indemnification as of right. Ball Corporation's bylaws contain no indemnification provisions.

The directors and officers of Ball Corporation and its subsidiaries are insured (subject to certain exceptions and deductions) against liabilities which they may incur in their capacity as such, including liabilities under the Securities Act, under liability insurance policies carried by Federal Insurance and Twin City Fire Insurance.

II-1

The following summary is qualified in its entirety by reference to the complete text of the statute, certificates of incorporation and bylaws referred to below.

Each of Ball Aerospace & Technologies Corp., Ball Metal Food Container Corp., BG Holdings I, Inc., BG Holdings II, Inc., Latas de Aluminio Ball, Inc. and Ball Pan-European Holdings, Inc. is empowered by Section 145 of the Delaware General Corporation Law ("DGCL"), subject to the procedures and limitations therein, to indemnify any person who was or is a party or is threatened to be made a party to any threatened, pending or completed action, suit or proceeding, whether civil, criminal, administrative or investigative (other than an action by or in the right of the corporation) by reasons of the fact that he or she is or was a director, officer, employee or agent of the corporation or is or was serving at the request of the corporation as a director, officer, employee or agent of another corporation or other enterprise against expenses (including attorneys' fees), judgments, fines and amounts paid in settlement actually and reasonably incurred by him or her if he or she acted in good faith and in a manner he or she reasonably believed to be in, or not opposed to, the best interest of the corporation and, with respect to any criminal action or proceeding, had no reasonable cause to believe his or her conduct was unlawful. In the case of an action brought by or in the right of the corporation, the corporation may indemnify a director, officer, employee or agent of the corporation (or other entity if such person is serving in such capacity at the corporation's request) against expenses (including attorneys' fees) actually and reasonably incurred by him or her if he or she acted in good faith and in a manner he or she reasonably believed to be in, or not opposed to, the best interests of the corporation, except that no indemnification shall be made in respect of any claim, issue or matter as to which such person shall have been adjudged to be liable to the corporation unless a court determines that, despite the adjudication of liability but in view of all the circumstances of the case, such person is fairly and reasonably entitled to indemnification for such expense as the court shall deem proper. In addition, unless limited by its articles of incorporation, a corporation shall indemnify a present or former director or officer of the corporation who was successful, on the merits or otherwise, in the defense of any proceeding to which the person was a party because the person is or was a director, officer, employee or agent against expenses actually and reasonably incurred by him or her in connection with the proceeding. A corporation has the power to purchase and maintain insurance on behalf of any of the persons described above against any liability asserted against such person and incurred by such person in any such capacity, or arising out of such person's status as such, whether or not the corporation would have the power to indemnify such person against such liability under the DGCL.

Ball Aerospace & Technologies Corp.'s certificate of incorporation provides for indemnification, subject to there procedures and limitations therein, of any person who is or was a director, officer or employee of the corporation or of any other entity which he or she is or has served in any capacity at the request of the corporation against any and all liability and reasonable expense that may be incurred by him or her in connection with or resulting from any claim, action, suit or proceeding (whether actual or threatened, brought by or in the right of the corporation or such other entity, or otherwise, civil, criminal, administrative, investigative, or in connection with an appeal relating thereto), in which he or she may become involved, as a party or otherwise, by reason of his or her being or having been a director, officer or employee of the corporation or of such other entity or by reason of any past or future action taken or not taken in his capacity as such director, officer or employee, whether or not he continues to be such at the time such liability or expense is incurred, provided that such person acted in good faith and in a manner he or she reasonably believed to be in the best interests of the corporation or such other entity, as the case may be, and in addition, in any criminal action or proceedings, had no reasonable cause to believe that his or her conduct was unlawful. Notwithstanding the foregoing, there shall be no indemnification (a) as to amounts paid or payable to the corporation or other enterprise for or based upon the person having gained in fact any personal profit or advantage to which he or she was not legally entitled; (b) as to amounts paid or payable to the corporation for an accounting or profits in fact made from the purchase or sale of securities of the corporation within the

II-2

meaning of Section 16(b) of the Securities Exchange Act of 1934 and amendments thereto or similar provision of any state statutory law; or (c) with respect to matters to which indemnification would be in contravention of the laws of the State of Delaware or of the United States of America whether as a matter of public policy or pursuant to statutory provisions. In addition, any such director, officer or employee who has been wholly successful, on the merits or otherwise, with respect to any claim, action, suit or proceeding shall be entitled to indemnification as of right, except to the extent he or she has otherwise been indemnified. Ball Aerospace & Technologies Corp.'s bylaws contain no indemnification provision.

The certificates of incorporation of Ball Metal Food Container Corp., BG Holdings I, Inc., BG Holdings II, Inc. and Ball Pan-European Holdings, Inc. provide that a director shall not be personally liable to the corporation or its stockholders for monetary damages for breach of fiduciary duty as a director, except for liability (i) for any breach of the director's duty of loyalty to such corporation or its stockholders, (ii) for any acts or omissions not in good faith or which involve intentional misconduct or knowing violation of law,

(iii) under Section 174 of the DGCL or (iv) for any transaction in which the director derived an improper personal benefit. Latas de Aluminio Ball, Inc.'s certificate of incorporation contains no indemnification provision. Furthermore, the bylaws of Ball Metal Food Container Corp., BG Holdings I, Inc., BG Holdings II, Inc., Ball Pan-European Holdings, Inc. and Latas de Aluminio Ball, Inc. provide that upon proper determination of indemnification contained therein, each person who was or is made a party to, is threatened to be made a party to any threatened, pending or completed action, suit or proceeding, whether civil, criminal, administrative or investigative (other than an action by or in the right of the corporation) by reason of the fact that he or she is or was a director or officer of the corporation (or is or was a director or officer serving at the request of the corporation as a director or officer, employee or agent of another entity), will be indemnified by the corporation against expenses (including attorneys' fees), judgments, fines and amounts paid in settlement actually and reasonably incurred in connection with the action, suit or proceeding if he or she acted in good faith and in a manner he or she reasonably believed to be in or not opposed to the best interests of the corporation and, with respect to any criminal proceeding, had no reasonable cause to believe his or her conduct was unlawful. In the case of an action brought by or in the right of a corporation, the bylaws state that the corporation will indemnify each person who was or is made a party to or is threatened to be made a party to any threatened, pending or completed action or suit by or in the right of the corporation to procure a judgment in its favor by reason of the fact that he or she is or was a director or officer of the corporation (or is or was a director or officer serving at the request of the corporation as a director, officer, employee or agent of another entity) against expenses (including attorneys' fees) actually and reasonably incurred in connection with the defense or settlement of such action or suit if he or she acted in good faith and in a manner he or she reasonably believed to be in or not opposed to the best interests of the corporation and provided further, that no indemnification shall be made in respect of any claim, issue or matter as to which such person shall have been adjudged to be liable to the corporation unless and only to the extent that such court determines upon application that, despite the adjudication of liability but in view of all the circumstances of the case, such person is fairly and reasonably entitled to indemnity for such expenses as the court deems proper. In addition, no indemnification shall be made in respect of any proceeding initiated by such person unless such proceeding was authorized by the board of directors of the corporation. Furthermore, to the extent a director or officer of the corporation has been successful on the merits or otherwise in defense of any action, suit or proceeding described above, or in defense of any claim, issue or matter therein, he shall be indemnified against expenses (including attorneys' fees) actually and reasonably incurred by him in connection therewith. The bylaws, except for the bylaws with respect to Latas de Aluminio Ball, Inc., also state that the corporation may purchase and maintain insurance on behalf of any person who is or was a director or officer of the corporation (or is or was a director or officer serving at the request of the corporation as a director or officer, employee or agent of another entity) against any liability asserted against him and incurred by him or her in any such capacity, or arising out of his status as such,

II-3

whether or not the corporation would have the power to indemnify him against such liability under the provisions of the bylaws.

The following summary is qualified in its entirety by reference to the complete text of the statute, articles of incorporation and bylaws referred to below.

Each of Ball Plastic Container Corp., Ball Packaging Corp., Ball Metal Packaging Sales Corp., Ball Metal Beverage Container Corp., Ball Technologies Holdings Corp. and Efratom Holding, Inc. is empowered by Section 7-109 of the Colorado Business Corporation Act (the "CBCA"), subject to the procedures and limitations therein, to indemnify any person against expenses (including attorneys' fees) and the obligation to pay a judgment, settlement, penalty, fine or reasonable expenses incurred with respect to a threatened, pending or completed action, suit or proceeding, whether civil, criminal, administrative or investigative and whether formal or informal, in which such person is made a party because such person is or was a director, officer, employee or agent of the corporation if his or her conduct was in good faith and if he or she reasonably believed that, if acting in the individual's official capacity, the conduct was in the corporation's best interests and in all other cases, the conduct was not opposed to the corporation's best interests. In the case of any criminal proceeding, the corporation is empowered to indemnify an individual if he or she had no reasonable cause to believe the conduct was unlawful. However, a corporation may not indemnify a director, officer, employee, fiduciary or other agent (a) in connection with a proceeding by or in the right of the corporation in which the person was adjudged liable to the corporation or (b) in connection with any other proceeding charging that the person derived an improper personal benefit, whether or not involving action in an official capacity, in which proceeding the person was adjudged liable on the basis that he or she derived an improper personal benefit. In addition, unless limited by its articles of incorporation, a corporation shall indemnify a director or officer who was wholly successful, on the merits or otherwise, in the defense of any proceeding to which the person was a party because the person is or was a director or officer against reasonable expenses incurred by him or her in connection with the proceeding. A corporation has the power to purchase and maintain insurance on behalf of any of the persons described above against any liability asserted against or incurred by such person in any of the capacities described above, or arising out of such person's status as such, whether or not the corporation would have the power to indemnify such person against such liability under the CBCA.

The articles of incorporation of Ball Plastic Container Corp., Ball Packaging Corp., Ball Metal Packaging Sales Corp., Ball Metal Beverage Container Corp., Ball Technologies Holdings Corp. and Efratom Holding, Inc. provide, in addition to the indemnification provisions of the CBCA, for the indemnification, subject to the procedures and limitations therein, of former and current directors, officers and employees of the corporation or of any other corporation or entity which he or she is serving or served in any capacity at the request of the corporation, against any and all liability and reasonable expense that may be incurred in connection with or resulting from any claim, action, suit or proceeding (whether actual or threatened, brought by or in the right of the corporation or other entity, or otherwise, civil, criminal, administrative, investigative, or in connection with an appeal relating thereto), in which he or she may become involved as a party or otherwise, by reason of his or her being or having been a director, officer or employee of the corporation or other such entity, or by reason of any past or future action taken or not taken in his or her capacity as such director, officer or employee, whether or not he or she continues to be such at the time such liability or expense is incurred, provided that such person acted in good faith and in a manner he or she reasonably believed to be in the best interest of the corporation or such other entity and, in addition, in any criminal action or proceeding, had no reasonable cause to believe that his or her conduct was unlawful; provided, however, that there shall be no indemnification (a) as to amounts paid or payable to the corporation or other entity for or based upon the person having gained in fact any personal profit or advantage to which he or she was not legally entitled; (b) as to amounts paid or payable to the corporation for an accounting or profits in fact made from the purchase or sale of securities of the corporation within the

II-4

meaning of Section 16(b) of the Securities Exchange Act of 1934 and amendments thereto or similar provision of any state statutory law; or (c) with respect to matters to which indemnification would be in contravention of the laws of the State of Colorado or of the United States of America whether as a matter of public policy or pursuant to statutory provisions. In addition, any such director, officer or employee who has been wholly successful, on the merits or otherwise, with respect to any claim, action, suit or proceeding of the character described above shall be entitled to indemnification as of right, except to the extent he or she has been otherwise indemnified. Ball Plastic Container Corp.'s, Ball Packaging Corp.'s, Ball Metal Packaging Sales Corp.'s and Ball Metal Beverage Container Corp.'s bylaws contain no indemnification provisions. Ball Technologies Holdings Corp.'s, Ball Asia Pacific Limited's and Efratom Holding, Inc.'s bylaws contain the same indemnification provisions described above.

Item 21. Exhibits and Financial Statement Schedules

(a) Exhibits.

See Index of Exhibits (page E-1).

Item 22. Undertakings

(a) The undersigned registrant hereby undertakes:

(1) To file, during any period in which offers or sales are being made, a post-effective amendment to this registration statement:

(i) To include any prospectus required by Section 10(a)(3) of the Securities Act of 1933;

(ii) To reflect in the prospectus any facts or events arising after the effective date of the registration statement (or the most recent post-effective amendment thereof) which, individually or in the aggregate, represent a fundamental change in the information set forth in the registration statement. Notwithstanding the foregoing, any increase or decrease in the volume of securities offered (if the total dollar value of securities offered would not exceed that which was registered) and any deviation from the low or high end of the estimated maximum offering range may be reflected in the form of prospectus filed with the SEC pursuant to Rule 424(b) if, in the aggregate, the changes in volume and price represent no more than a 20 percent change in the maximum aggregate offering price set forth in the "Calculation of Registration Fee" table in the effective registration statement;

(iii) To include any material information with respect to the plan of distribution not previously disclosed in the registration statement or any material change to such information in the registration statement.

(2) That, for the purpose of determining any liability under the Securities Act of 1933, each such post-effective amendment shall be deemed to be a new registration statement relating to the securities offered therein, and the offering of such securities at that time shall be deemed to be the initial *bona fide* offering thereof.

(3) To remove from registration by means of a post-effective amendment any of the securities being registered which remain unsold at the termination of the offering.

(b) The undersigned registrant hereby undertakes that, for purposes of determining any liability under the Securities Act of 1933, each filing of the registrant's annual report pursuant to Section 13(a) or 15(d) of the Securities Exchange Act of 1934 (and, where applicable, each filing of an employee benefit plan's annual report pursuant to Section 15(d) of the Securities Exchange Act of 1934) that is incorporated by reference in the registration statement shall be deemed to be a new registration

II-5

statement relating to the securities offered therein, and the offering of such securities at that time shall be deemed to be the initial *bona fide* offering thereof.

(c) Insofar as indemnification for liabilities arising under the Securities Act of 1933 may be permitted to directors, officers and controlling persons of the registrant pursuant to the foregoing provisions or otherwise, the registrant has been advised that in the opinion of the Securities and Exchange Commission such indemnification is against public policy as expressed in the Act and is, therefore, unenforceable. In the event that a claim for indemnification against such liabilities (other than the payment by the registrant of expenses incurred or paid by a director, officer or controlling person of the registrant in the successful defense of any action, suit or proceeding) is asserted by such director, officer or controlling person in connection with the securities being registered, the registrant will, unless in the opinion of its counsel the matter has been settled by controlling precedent, submit to a court of appropriate jurisdiction the question whether such indemnification by it is against public policy as expressed in the Act and will be governed by the final adjudication of such issue.

(d) The undersigned registrant hereby undertakes to respond to requests for information that is incorporated by reference into the prospectus pursuant to Item 4, 10(b), 11, or 13 of this Form, within one business day of receipt of such request, and to send the incorporated documents by first class mail or other equally prompt means. This includes information contained in documents filed subsequent to the effective date of the registration statement through the date of responding to the request.

(e) The undersigned registrant hereby undertakes to supply by means of a post-effective amendment all information concerning a transaction, and the company being acquired involved therein, that was not the subject of and included in the registration statement when it became effective.

II-6

SIGNATURES

Pursuant to the requirements of the Securities Act, Ball Corporation has duly caused this registration statement to be signed on its behalf by the undersigned, thereunto duly authorized, in the city of Broomfield, Colorado, on February 7, 2003.

BALL CORPORATION

By: /s/ SCOTT C. MORRISSON

Name: Scott C. Morrison
Title: Vice President and Treasurer

BALL AEROSPACE & TECHNOLOGIES CORP.

By: /s/ SCOTT C. MORRISSON

Name: Scott C. Morrison
Title: Vice President and Treasurer

BALL METAL BEVERAGE CONTAINER CORP.

By: /s/ SCOTT C. MORRISSON

Name: Scott C. Morrison
Title: Vice President and Treasurer

BALL METAL FOOD CONTAINER CORP.

By: /s/ SCOTT C. MORRISSON

Name: Scott C. Morrison

Title: *Vice President and Treasurer*

BALL METAL PACKAGING SALES CORP.

By: /s/ SCOTT C. MORRISSON

Name: Scott C. Morrison

Title: *Vice President and Treasurer*

BALL PACKAGING CORP.

By: /s/ SCOTT C. MORRISSON

Name: Scott C. Morrison

Title: *Vice President and Treasurer*

II-7

BALL PLASTIC CONTAINER CORP.

By: /s/ SCOTT C. MORRISSON

Name: Scott C. Morrison

Title: *Vice President and Treasurer*

BALL TECHNOLOGIES HOLDING CORP.

By: /s/ SCOTT C. MORRISSON

Name: Scott C. Morrison

Title: *Vice President and Treasurer*

BG HOLDINGS I, INC.

By: /s/ SCOTT C. MORRISSON

Name: Scott C. Morrison

Title: *Vice President and Treasurer*

BG HOLDINGS II, INC.

By: /s/ SCOTT C. MORRISSON

Name: Scott C. Morrison

Title: *Vice President and Treasurer*

EFRATOM HOLDING, INC.

By: /s/ SCOTT C. MORRISSON

Name: Scott C. Morrison

Title: *Vice President and Treasurer*

LATAS DE ALUMINIO BALL, INC.

By: /s/ SCOTT C. MORRISSON

Name: Scott C. Morrison

Title: *Vice President and Treasurer*

BALL PAN-EUROPEAN HOLDINGS, INC.

By: /s/ CHARLES E. BAKER

Name: Charles E. Baker

Title: *Assistant Secretary*

II-8

POWER OF ATTORNEY

KNOW ALL PERSONS BY THESE PRESENTS, that each person whose signature appears below constitutes and appoints R. David Hoover and Raymond J. Seabrook and each of them his, her or its true and lawful attorney-in-fact and agent with full power of substitution and resubstitution, for him, her or it and in his, her or its name, place and stead,

in any and all capacities, to sign any and all amendments to this registration statement, and to file the same, with all exhibits thereto, and other documents in connection therewith, with the Securities and Exchange Commission, granting unto said attorney-in-fact and agent full power and authority to do and perform each and every act and thing requisite or necessary to be done in and about the premises, as fully to all intents and purposes as he, she or it might or could do in person, hereby ratifying and confirming all that said attorney-in-fact and agent, or his substitute or substitutes, may lawfully do or cause to be done by virtue hereof.

Pursuant to the requirements of the Securities Act of 1933, this registration statement has been signed by the following persons in the capacities indicated on this 7th day of February, 2003.

BALL CORPORATION

Signature	Title
<hr/> /s/ R. DAVID HOOVER <hr/> R. David Hoover	Chairman, President and Chief Executive Officer and Director <i>(principal executive officer)</i>
<hr/> /s/ RAYMOND J. SEABROOK <hr/> Raymond J. Seabrook	Senior Vice President and Chief Financial Officer <i>(principal financial officer, controller or principal accounting officer)</i>
<hr/> /s/ HANNO C. FIEDLER <hr/> Hanno C. Fiedler	Executive Vice President and Director
<hr/> /s/ FRANK A. BRACKEN <hr/> Frank A. Bracken	Director
<hr/> /s/ HOWARD M. DEAN <hr/> Howard M. Dean	Director
<hr/> /s/ JOHN T. HACKETT <hr/> John T. Hackett	Director
<hr/> /s/ JOHN F. LEHMAN <hr/> John F. Lehman	Director

II-9

<hr/> /s/ JAN NICHOLSON <hr/> Jan Nicholson	Director
<hr/> /s/ T. M. SOLSO <hr/> T. M. Solso	Director
<hr/> /s/ GEORGE A. SISSEL <hr/> George A. Sissel	Director
<hr/> /s/ WILLIAM P. STIRITZ <hr/> William P. Stiritz	Director
<hr/> /s/ STUART A. TAYLOR II <hr/> Stuart A. Taylor II	Director

BALL AEROSPACE & TECHNOLOGIES CORP.

Signature	Title
<hr/> /s/ DAVID L. TAYLOR <hr/> David L. Taylor	President and Chief Executive Officer and Director <i>(principal executive officer)</i>

/s/ SCOTT C. MORRISON

Scott C. Morrison

Vice President & Treasurer
(principal financial officer, controller or principal accounting officer)

/s/ R. DAVID HOOVER

R. David Hoover

Director

/s/ DONALD C. LEWIS

Donald C. Lewis

Director

II-10

BALL METAL BEVERAGE CONTAINER CORP.

Signature

Title

/s/ R. DAVID HOOVER

R. David Hoover

Chairman and Chief Executive Officer and Director
(principal executive officer)

/s/ SCOTT C. MORRISON

Scott C. Morrison

Vice President and Treasurer
(principal financial officer, controller or principal accounting officer)

/s/ LEON A. MIDGETT

Leon A. Midgett

Director

BALL METAL FOOD CONTAINER CORP.

Signature

Title

/s/ R. DAVID HOOVER

R. David Hoover

Chairman and Chief Executive Officer and Director
(principal executive officer)

/s/ SCOTT C. MORRISON

Scott C. Morrison

Vice President and Treasurer
(principal financial officer, controller or principal accounting officer)

/s/ LEON A. MIDGETT

Leon A. Midgett

Director

II-11

BALL METAL PACKAGING SALES CORP.

Signature

Title

/s/ R. DAVID HOOVER

R. David Hoover

Chairman and Chief Executive Officer and Director
(principal executive officer)

/s/ SCOTT C. MORRISON

Scott C. Morrison

Vice President and Treasurer
(principal financial officer, controller or principal accounting officer)

/s/ LEON A. MIDGETT

Leon A. Midgett

Director

BALL PACKAGING CORP.

Signature

Title

/s/ R. DAVID HOOVER

Chairman and Chief Executive Officer and Director
(principal executive officer)

R. David Hoover

/s/ SCOTT C. MORRISON

Vice President and Treasurer
(principal financial officer, controller or principal accounting officer)

Scott C. Morrison

/s/ LEON A. MIDGETT

Director

Leon A. Midgett

II-12

BALL PLASTIC CONTAINER CORP.

Signature

Title

/s/ R. DAVID HOOVER

Chairman and Chief Executive Officer and Director
(principal executive officer)

R. David Hoover

/s/ SCOTT C. MORRISON

Vice President and Treasurer
(principal financial officer, controller or principal accounting officer)

Scott C. Morrison

/s/ LEON A. MIDGETT

Director

Leon A. Midgett

BALL TECHNOLOGIES HOLDING CORP.

Signature

Title

/s/ DAVID L. TAYLOR

President and Chief Executive Officer
(principal executive officer)

David L. Taylor

/s/ SCOTT C. MORRISON

Vice President & Treasurer
(principal financial officer, controller or principal accounting officer)

Scott C. Morrison

/s/ R. DAVID HOOVER

Director

R. David Hoover

BG HOLDINGS I, INC.

Signature

Title

/s/ R. DAVID HOOVER

President and Director
(principal executive officer)

R. David Hoover

/s/ SCOTT C. MORRISON

Vice President & Treasurer
(principal financial officer, controller or principal accounting officer)

Scott C. Morrison

II-13

BG HOLDINGS II, INC.

Signature

Title

/s/ R. DAVID HOOVER

President and Director
(principal executive officer)

R. David Hoover

/s/ SCOTT C. MORRISON

Scott C. Morrison

Vice President & Treasurer
(principal financial officer, controller or principal accounting officer)

EFRATOM HOLDING, INC.

Signature

Title

/s/ DAVID L. TAYLOR

David L. Taylor

President and Director
(principal executive officer)

/s/ SCOTT C. MORRISON

Scott C. Morrison

Vice President & Treasurer
(principal financial officer, controller or principal accounting officer)

/s/ R. DAVID HOOVER

R. David Hoover

Director

II-14

LATAS DE ALUMINIO BALL, INC.

Signature

Title

/s/ R. DAVID HOOVER

R. David Hoover

Chairman and Chief Executive Officer
(principal executive officer)

/s/ SCOTT C. MORRISON

Scott C. Morrison

Vice President and Treasurer
(principal financial officer, controller or principal accounting officer)

/s/ DONALD C. LEWIS

Donald C. Lewis

Director

/s/ LEON A. MIDGETT

Leon A. Midgett

Director

/s/ RAYMOND J. SEABROOK

Raymond J. Seabrook

Director

BALL PAN-EUROPEAN HOLDINGS, INC.

Signature

Title

/s/ GARY H. FIELDS

Gary H. Fields

President and Director
(principal executive officer)

/s/ JEFFREY A. KNOBEL

Jeffrey A. Knobel

Treasurer
(principal financial officer, controller or principal accounting officer)

/s/ R. DAVID HOOVER

R. David Hoover

Director

II-15

- Exhibit 1.1 Purchase Agreement, dated as of December 5, 2002, by and among Ball Corporation, Lehman Brothers, Inc., Deutsche Bank Securities Inc., Banc of America Securities LLC, Banc One Capital Markets, Inc., BNP Paribas Securities Corp., Dresdner Kleinwort Wasserstein-Grantchester, Inc., McDonald Investments Inc., SunTrust Capital Markets, Inc. and Wells Fargo Brokerage Services, LLC and certain subsidiary guarantors of Ball Corporation (filed by incorporation by reference to Exhibit 1.1 of the Current Report on Form 8-K, File No. 001-07349, dated December 19, 2002) filed December 31, 2002.
- Exhibit 2.1 Share Sale and Transfer Agreement dated August 29/30, 2002, among Schmalbach–Lubeca Holding GmbH, AV Packaging GmbH, Ball Pan-European Holdings, Inc. and Ball Corporation (filed by incorporation by reference to Exhibit 10.1 to Ball Corporation's Quarterly Report on Form 10-Q, File No. 001-07349, for the quarter ended September 29, 2002) filed November 14, 2002.
- Exhibit 2.2 Amendment Agreement, dated December 18, 2002, among Schmalbach–Lubeca Holding GmbH, AV Packaging GmbH, Ball Pan-European Holdings, Inc., Ball Corporation and Ball (Germany) Acquisition GmbH, amending the Share Sale and Transfer Agreement, dated August 29/30, 2002, among Schmalbach–Lubeca Holding GmbH, AV Packaging GmbH, Ball Pan-European Holdings, Inc. and Ball Corporation (filed by incorporation by reference to Exhibit 2.2 of the Current Report on Form 8-K, File No. 001-07349, dated December 19, 2002) filed December 31, 2002.
- Exhibit 3.1 Amended Articles of Incorporation of Ball Corporation as of August 2, 1996 (filed by incorporation by reference to Exhibit 3.1 of the Quarterly Report on Form 10-Q, File No. 001-07349, for the quarter ended March 30, 1997) filed May 14, 1997.
- Exhibit 3.2* Bylaws of Ball Corporation as amended January 22, 2003.
- Exhibit 3.3 Articles of Incorporation of Ball Aerospace & Technologies Corp. as of July 20, 1995 (filed by incorporation by reference to Exhibit 3.3 of the Registration Statement on Form S-4, File No. 333-66847) filed November 5, 1998.
- Exhibit 3.4 Bylaws of Ball Aerospace & Technologies Corp. as of July 20, 1995 (filed by incorporation by reference to Exhibit 3.4 of the Registration Statement on Form S-4, File No. 333-66847) filed November 5, 1998.
- Exhibit 3.5 Amended Articles of Incorporation of Ball Technologies Holdings Corp. as of August 14, 1995 (filed by incorporation by reference to Exhibit 3.21 of the Registration Statement on Form S-4, File No. 333-66847) filed November 5, 1998.
- Exhibit 3.6* Bylaws of Ball Technologies Holdings Corp. amended as of August 10, 1998.
- Exhibit 3.7 Articles of Incorporation of Ball Metal Beverage Container Corp. as of December 12, 1995 (filed by incorporation by reference to Exhibit 3.11 of the Registration Statement on Form S-4, File No. 333-66847) filed November 5, 1998.
- Exhibit 3.8 Bylaws of Ball Metal Beverage Container Corp. amended as of August 4, 1998 (filed by incorporation by reference to Exhibit 3.12 of the Registration Statement on Form S-4, File No. 333-66847) filed November 5, 1998.

E-1

-
- Exhibit 3.9 Amended Articles of Incorporation of Ball Metal Food Container Corp. as of December 18, 1995 (filed by incorporation by reference to Exhibit 3.13 of the Registration Statement on Form S-4, File No. 333-66847) filed November 5, 1998.
- Exhibit 3.10* Bylaws of Ball Metal Food Container Corp. amended as of August 10, 1998.
- Exhibit 3.11 Articles of Incorporation of Ball Metal Packaging Sales Corp. as of December 12, 1995 (filed by incorporation by reference to Exhibit 3.15 of the Registration Statement on Form S-4, File No. 333-66847) filed November 5, 1998.
- Exhibit 3.12 Bylaws of Ball Metal Packaging Sales Corp. amended as of August 4, 1998 (filed by incorporation by reference to Exhibit 3.16 of the Registration Statement on Form S-4, File No. 333-66847) filed November 5, 1998.
- Exhibit 3.13 Amended Articles of Incorporation of Ball Packaging Corp. as of March 5, 1996 (filed by incorporation by reference to Exhibit 3.17 of the Registration Statement on Form S-4, File No. 333-66847) filed November 5, 1998.
- Exhibit 3.14 Bylaws of Ball Packaging Corp. amended as of August 4, 1998 (filed by incorporation by reference to Exhibit 3.18 of the Registration Statement on Form S-4, File No. 333-66847) filed November 5, 1998.
- Exhibit 3.15 Articles of Incorporation of Ball Plastic Container Corp. as of December 12, 1995 (filed by incorporation by reference to Exhibit 3.19 of the Registration Statement on Form S-4, File No. 333-66847) filed November 5, 1998.
- Exhibit 3.16 Bylaws of Ball Plastic Container Corp. amended as of August 4, 1998 (filed by incorporation by reference to Exhibit 3.20 of the Registration Statement on Form S-4, File No. 333-66847) filed November 5, 1998.
- Exhibit 3.17 Articles of Incorporation of BG Holdings I, Inc. as of June 21, 1995 (filed by incorporation by reference to Exhibit 3.25 of the Registration Statement on Form S-4, File No. 333-66847) filed November 5, 1998.
- Exhibit 3.18* Bylaws of BG Holdings I, Inc. amended as of August 10, 1998.
- Exhibit 3.19 Articles of Incorporation of BG Holdings II, Inc. as of June 21, 1995 (filed by incorporation by reference to Exhibit 3.27 of the Registration Statement on Form S-4, File No. 333-66847) filed November 5, 1998.
- Exhibit 3.20* Bylaws of BG Holdings II, Inc. amended as of August 10, 1998.
- Exhibit 3.21* Amended Certificate of Incorporation of Latas de Aluminio Ball, Inc. as of September 4, 1998.
- Exhibit 3.22* Bylaws of Latas de Aluminio Ball, Inc. as of September 4, 1998.

Exhibit 3.23	Articles of Incorporation of Efratom Holding, Inc. as of October 11, 1994 (filed by incorporation by reference to Exhibit 3.29 of the Registration Statement on Form S-4, File No. 333-66847) filed November 5, 1998.
Exhibit 3.24	Bylaws of Efratom Holding, Inc. amended as of August 10, 1998 (filed by incorporation by reference to Exhibit 3.30 of the Registration Statement on Form S-4, File No. 333-66847) filed November 5, 1998.
Exhibit 3.25*	Certificate of Incorporation of Ball Pan-European Holdings, Inc. as of August 22, 2002.
Exhibit 3.26*	Bylaws of Ball Pan-European Holdings, Inc. as of August 22, 2002.

E-2

Exhibit 4.1	Registration Rights Agreement, dated as of December 19, 2002, by and among Ball Corporation, Lehman Brothers, Inc., Deutsche Bank Securities Inc., Banc of America Securities LLC, Banc One Capital Markets, Inc., BNP Paribas Securities Corp., Dresdner Kleinwort Wasserstein-Grantchester, Inc., McDonald Investments Inc., SunTrust Capital Markets, Inc. and Wells Fargo Brokerage Services, LLC and certain subsidiary guarantors of Ball Corporation (filed by incorporation by reference to Exhibit 4.1 of the Current Report on Form 8-K, File No. 001-07349, dated December 19, 2002) filed December 31, 2002.
Exhibit 4.2	Senior Note Indenture, dated as of December 19, 2002, by and among Ball Corporation, certain subsidiary guarantors of Ball Corporation and The Bank of New York, as Trustee (filed by incorporation by reference to Exhibit 4.2 of the Current Report on Form 8-K, File No. 001-07349, dated December 19, 2002) filed December 31, 2002.
Exhibit 4.3	Amended and Restated Senior Note Indenture, dated as of August 10, 1998, and amended and restated as of December 19, 2002, by and among Ball Corporation, certain subsidiary guarantors of Ball Corporation and The Bank of New York, as Senior Note Trustee (filed by incorporation by reference to Exhibit 4.3 of the Current Report on Form 8-K, File No. 001-07349, dated December 19, 2002) filed December 31, 2002.
Exhibit 4.4	Amended and Restated Senior Subordinated Note Indenture, dated as of August 10, 1998, and amended and restated as of December 19, 2002, by and among Ball Corporation, certain subsidiary guarantors of Ball Corporation and The Bank of New York, as Senior Subordinated Note Trustee (filed by incorporation by reference to Exhibit 4.4 of the Current Report on Form 8-K, File No. 001-07349, dated December 19, 2002) filed December 31, 2002.
Exhibit 4.5	Form of Note (included in Exhibit 4.2) (filed by incorporation by reference to Exhibit 4.5 of the Current Report on Form 8-K, File No. 001-07349, dated December 19, 2002) filed December 31, 2002.
Exhibit 5.1*	Opinion of Skadden, Arps, Slate, Meagher & Flom (Illinois).
Exhibit 5.2*	Opinion of Donald C. Lewis, Vice President, General Counsel and Assistant Corporate Secretary of Ball Corporation.
Exhibit 10.1	1988 Restricted Stock Plan and 1988 Stock Option and Stock Appreciation Rights Plan (filed by incorporation by reference to Exhibit 4.1 of the Form S-8 Registration Statement, File No. 33-21506) filed April 27, 1988.
Exhibit 10.2	Ball Corporation Deferred Incentive Compensation Plan (filed by incorporation by reference to Exhibit 10.4 of the Annual Report on Form 10-K, File No. 001-07349, for the year ended December 31, 1987) filed March 25, 1988.
Exhibit 10.3	Ball Corporation 1986 Deferred Compensation Plan, as amended July 1, 1994 (filed by incorporation by reference to Exhibit 10.2 of the Quarterly Report on Form 10-Q, File No. 001-07349, for the quarter ended July 3, 1994) filed August 17, 1994.
Exhibit 10.4	Ball Corporation 1988 Deferred Compensation Plan, as amended July 1, 1994 (filed by incorporation by reference to Exhibit 10.3 of the Quarterly Report on Form 10-Q, File No. 001-07349, for the quarter ended July 3, 1994) filed August 17, 1994.

E-3

Exhibit 10.5	Ball Corporation 1989 Deferred Compensation Plan, as amended July 1, 1994 (filed by incorporation by reference to Exhibit 10.4 of the Quarterly Report on Form 10-Q, File No. 001-07349, for the quarter ended July 3, 1994) filed August 17, 1994.
Exhibit 10.6	Amended and Restated Form of Severance Benefit Agreement which exists between the company and its executive officers, effective as of August 1, 1994, and as amended on January 24, 1996 (filed by incorporation by reference to Exhibit 10.1 of the Quarterly Report on Form 10-Q, File No. 001-07349, for the quarter ended March 22, 1996) filed May 15, 1996.
Exhibit 10.7	Ball Corporation 1986 Deferred Compensation Plan for Directors, as amended October 27, 1987 (filed by incorporation by reference to Exhibit 10.13 of the Annual Report on Form 10-K, File No. 001-07349, for the year ended December 31, 1990) filed April 1, 1991.
Exhibit 10.8	1991 Restricted Stock Plan for Nonemployee Directors of Ball Corporation (filed by incorporation by reference to Exhibit 4(a) of the Form S-8 Registration Statement, No. 33-40199) filed April 26, 1991.
Exhibit 10.9	Ball Corporation Economic Value Added Incentive Compensation Plan dated January 1, 1994 (filed by incorporation by reference to Exhibit 10.15 of the Annual Report on Form 10-K, File No. 001-07349, for the year ended December 31, 1994) filed March 29, 1995.
Exhibit 10.10	Ball Corporation 1997 Stock Incentive Plan (filed by incorporation by reference to Exhibit 4.1 of the Form S-8 Registration Statement, File No. 333-26361) filed May 1, 1997.

Exhibit 10.11	Distribution Agreement between Ball Corporation and Alltrista (filed by incorporation by reference to Exhibit 10.7 of the Alltrista Corporation Form 8, Amendment No. 3 to Form 10, File No. 0-21052, dated December 31, 1992) filed March 17, 1993.
Exhibit 10.12	1993 Stock Option Plan (filed by incorporation by reference to Exhibit 4.1 of the Form S-8 Registration Statement, File No. 33-61986) filed April 30, 1993.
Exhibit 10.13	Ball-InCon Glass Packaging Corp. Deferred Compensation Plan, as amended July 1, 1994 (filed by incorporation by reference to Exhibit 10.5 of the Quarterly Report on Form 10-Q, File No. 001-07349, for the quarter ended July 3, 1994) filed August 17, 1994.
Exhibit 10.14	Ball Corporation Supplemental Executive Retirement Plan (filed by incorporation by reference to Exhibit 10.1 of the Quarterly Report on Form 10-Q, File No. 001-07349, for the quarter ended October 2, 1994) filed November 15, 1994.
Exhibit 10.15	Ball Corporation Split Dollar Life Insurance Plan (filed by incorporation by reference to Exhibit 10.2 of the Quarterly Report on Form 10-Q, File No. 001-07349, for the quarter ended October 2, 1994) filed November 15, 1994.
Exhibit 10.16	Ball Corporation Long-Term Cash Incentive Plan, dated October 25, 1994, as amended October 23, 1996 (filed by incorporation by reference to Exhibit 10.1 of the Quarterly Report on Form 10-Q, File No. 001-07349, for the quarter ended September 29, 1996) filed November 13, 1996.

E-4

Exhibit 10.17a	Ball Corporation Merger Related, Special Incentive Plan for Operating Executives which provides for Stock Option grants in which the five named executive officers participate and which grants are referred to in the Executive Compensation section in the Ball Corporation Proxy Statement dated March 15, 1999 (The form of the option grants was filed March 29, 1999.) (filed by incorporation by reference to Exhibit 10.22a of the Annual Report on Form 10-K, File No. 001-07349, for the year ended December 31, 1998).
Exhibit 10.17b	Ball Corporation Merger Related, Special Incentive Plan for Operating Executives which provides for Restricted Stock grant in which the five named executive officers participate and which grants are referred to in the Executive Compensation section of the Ball Corporation Proxy Statement dated March 15, 1999 (The form of the restricted grants was filed March 29, 1999.) (filed by incorporation by reference to Exhibit 10.22b of the Annual Report on Form 10-K, File No. 001-07349, for the year ended December 31, 1998).
Exhibit 10.17c	Ball Corporation Merger Related, Special Incentive Plan for Operating Executives which provides for certain cash incentive payments based upon the attainment of certain performance criteria (The form of the plan was filed March 29, 1999.) (filed by incorporation by reference to Exhibit 10.22c of the Annual Report on Form 10-K, File No. 001-07349, for the year ended December 31, 1998).
Exhibit 10.18	Asset Purchase Agreement dated June 26, 1995, among Foster Ball, L.L.C. (since renamed Ball-Foster Glass Container Co., L.L.C.), Ball Glass Container Corporation and Ball Corporation (filed by incorporation by reference to Exhibit 2.1 of the Current Report on Form 8-K, File No. 001-07349, dated September 15, 1995) filed September 29, 1995.
Exhibit 10.19	Asset Purchase Agreement dated August 10, 1998, among Ball Corporation and its Ball Metal Beverage Container Corp. and Reynolds Metals Company (filed by incorporation by reference to Exhibit 2.1 of the Current Report on Form 8-K, File No. 001-07349, dated August 10, 1998) filed August 25, 1998.
Exhibit 10.20	Form of Severance Agreement (Change of Control Agreement) which exists between the company and its executive officers (filed by incorporation by reference to Exhibit 10.9 of the Annual Report on Form 10-K, File No. 001-07349, for the year ended December 31, 1988) filed March 25, 1989.
Exhibit 10.21	Consulting Agreement between George A. Matsik and Ball Corporation dated October 18, 1999 (filed by incorporation by reference to Exhibit 10.30 of the Annual Report on Form 10-K, File No. 001-07349, for the year ended December 31, 1999) filed March 30, 2000.
Exhibit 10.22	Ball Corporation 2000 Deferred Compensation Company Stock Plan. This plan is referred to in Item 11, the Executive Compensation section of the Annual Report on Form 10-K for the year ended December 31, 2001 (filed by incorporation by reference to Exhibit 10.26 of the Annual Report on Form 10-K, File No. 001-07349, for the year ended December 31, 2001) filed March 28, 2002.
Exhibit 10.23	Ball Corporation Deposit Share Program. This plan is referred to in Item 11, the Executive Compensation section of the Annual Report on Form 10-K for the year ended December 31, 2001 (filed by incorporation by reference to Exhibit 10.27 of the Annual Report on Form 10-K, File No. 001-07349, for the year ended December 31, 2001) filed March 28, 2002.

E-5

Exhibit 10.24	Credit Agreement, dated as of December 19, 2002, among Ball Corporation, certain subsidiaries of Ball Corporation, with Deutsche Bank AG, New York Branch, as Administrative Agent, The Bank of Nova Scotia, as Canadian Administrative Agent, Deutsche Bank Securities Inc. and Banc of America Securities LLC, as Joint Lead Arrangers, Joint Mandated Arrangers and Joint Book Managers, Bank of America, N.A., as Syndication Agent, Bank One, NA, Lehman Commercial Paper Inc. and BNP Paribas, as Co-Documentation Agents, and various lending institutions named therein (filed by incorporation by reference to Exhibit 10.1 of the Current Report on Form 8-K, File No. 001-07349, dated December 19, 2002) filed December 31, 2002.
Exhibit 11.1	Statement re: Computation of Earnings Per Share (filed by incorporation by reference to the notes to the consolidated financial statements, "Earnings Per Share," in the 2001 Annual Report to Shareholders) (filed by incorporation by reference to Exhibit 11.1 of the Annual Report on Form 10-K, File No. 001-07349, for the year ended December 31, 2001) filed March 28, 2002.

Exhibit 12.1*	Statement re: Computation of Ratio of Earnings to Fixed Charges.
Exhibit 13.1	Ball Corporation 2001 Annual Report to Shareholders (The Annual Report to Shareholders, except for those portions thereof incorporated by reference, is furnished for the information of the SEC and is not to be deemed filed as part of the Annual Report on Form 10-K for the year ended December 31, 2001) (filed by incorporation by reference to Exhibit 13.1 of the Annual Report on Form 10-K, File No. 001-07349, for the year ended December 31, 2001) filed March 28, 2002.
Exhibit 18.1	Letter re: Change in Accounting Principles (filed by incorporation by reference to Exhibit 18.1 of the Quarterly Report on Form 10-Q for the quarter ended July 2, 1995) filed August 15, 1995.
Exhibit 21.1*	List of Subsidiaries of Ball Corporation.
Exhibit 23.1*	Consent of PricewaterhouseCoopers LLP.
Exhibit 23.2*	Consent of PwC Deutsche Revision Aktiengesellschaft Wirtschaftsprüfungsgesellschaft, Düsseldorf.
Exhibit 23.3*	Consent of Skadden, Arps, Slate, Meagher & Flom (Illinois) (included in Exhibit 5.1).
Exhibit 24.1*	Power of Attorney (included on signature pages to the registration statement).
Exhibit 25.1*	Form T-1 Statement of Eligibility under the Trust Indenture Act of 1939 of The Bank of New York, as trustee.
Exhibit 99.1*	Form of Letter of Transmittal.
Exhibit 99.2*	Form of Notice of Guaranteed Delivery.
Exhibit 99.3*	Form of Letter to Brokers, Dealers, Commercial Banks, Trust Companies and Other Nominees.
Exhibit 99.4*	Form of Letter to Clients.

* Filed herewith.

**Bylaws
of
Ball Corporation
(As of January 22, 2003)**

**Article One
Capital Stock**

Section A. Classes of Stock. The capital stock of the corporation shall consist of shares of such kinds and classes, with such designations and such relative rights, preferences, qualifications, limitations and restrictions, including voting rights, and for such consideration as shall be stated in or determined in accordance with the Amended Articles of Incorporation and any amendment or amendments thereof, or the Indiana Business Corporation Law. Consistent with the Indiana Business Corporation Law, capital stock of the corporation owned by the corporation may be referred to and accounted for as treasury stock.

Section B. Certificates for Shares. All share certificates shall be consecutively numbered as issued and shall be signed by the chairman and the corporate secretary or assistant corporate secretary of the corporation.

Section C. Transfer of Shares. The shares of the capital stock of the corporation shall be transferred only on the books of the corporation by the holder thereof, or by his attorney, upon the surrender and cancellation of the stock certificate, whereupon a new certificate shall be issued to the transferee. The transfer and assignment of such shares of stock shall be subject to the laws of the State of Indiana. The board of directors shall have the right to appoint and employ one or more stock registrars and/or transfer agents in the State of Indiana or in any other state.

Section D. Control Share Acquisition Statute Inapplicable. Chapter 42 of the Indiana Business Corporation Law (IC 23-1-42) shall not apply to control share acquisitions of shares of the corporation.

**Article Two
Shareholders**

Section A. Annual Meetings. The regular annual meeting of the shareholders of the corporation shall be held on the fourth Wednesday in April of each year, or on such other date within a reasonable interval after the close of the corporation's last fiscal year as may be designated from time to time by the board of directors, for the election of the directors of the corporation, and for the transaction of such other business as is authorized or required to be transacted by the shareholders.

Section B. Special Meetings. Special meetings of the shareholders may be called by the chairman of the board or by the board of directors or as otherwise may be required by law.

Section C. Time and Place of Meetings. All meetings of the shareholders shall be held at the principal office of the corporation or at such other place within or without the State of Indiana and at such time as may be designated from time to time by the board of directors.

**Article Three
Directors**

Section A. Number and Terms of Office. The business of the corporation shall be controlled and managed in accordance with the Indiana Business Corporation Law by a board of eleven directors, divided into classes as provided in the Amended Articles of Incorporation.

Section B. Eligibility. No person shall be eligible for election or reelection as a director after having attained the age of seventy prior to or on the day of election or reelection. A director who

attains the age of seventy during his term of office shall be eligible to serve only until the annual meeting of shareholders of the corporation next following such director's seventieth birthday.

Section C. Regular Meetings. The regular annual meeting of the board of directors shall be held immediately after the adjournment of each annual meeting of the shareholders. Regular quarterly meetings of the board of directors shall be held on the fourth Wednesday of January, July, and October of each year, or on such other date as may be designated from time to time by the board of directors.

Section D. Special Meetings. Special meetings of the board of directors may be called at any time by the chairman of the board or by the board, by giving to each director an oral or written notice setting the time, place and purpose of holding such meetings.

Section E. Time and Place of Meetings. All meetings of the board of directors shall be held at the principal office of the corporation, or at such other place within or without the State of Indiana and at such time as may be designated from time to time by the board of directors.

Section F. Notices. Any notice, of meetings or otherwise, which is given or is required to be given to any director may be in the form of oral notice.

Section G. Committees. The board of directors is expressly authorized to create committees and appoint members of the board of directors to serve on them, as follows:

(1) Temporary and standing committees, including an executive committee, and the respective chairmen thereof, may be appointed by the board of directors, from time to time. The board of directors may invest such committees with such powers and limit the authority of such committees as it may see fit, subject to conditions as it may prescribe. The executive committee shall consist of three or more members of the board. All other committees shall consist of one or more members of the board. All committees so appointed

shall keep regular minutes of the transactions of their meetings, shall cause them to be recorded in books kept for that purpose in the office of the corporation, and shall report the same to the board of directors at its next meeting. Within its area of responsibility, each committee shall have and exercise all of the authority of the board of directors, except as limited by the board of directors or by law, and shall have the power to authorize the execution of an affixation of the seal of the corporation to all papers or documents which may require it.

(2) Neither the designation of any of the foregoing committees or the delegation thereto of authority shall operate to relieve the board of directors, or any member thereof, of any responsibility imposed by law.

Section H. Loans to Directors. Except as consistent with the Indiana Business Corporation Law, the corporation shall not lend money to or guarantee the obligation of any director of the corporation.

Article Four Officers

Section A. Election and Term of Office. The officers of the corporation shall be elected by the board of directors at the regular annual meeting of the board, unless the board shall otherwise determine, and shall consist of a chairman of the board of directors, if so designated as an officer by the board, a president, one or more vice presidents (any one or more of whom may be designated "corporate," "group," or other functionally described vice president), a corporate secretary, a treasurer, and, if so elected by the board, may include a vice-chairman of the board of directors and one or more assistant secretaries and assistant treasurers. The board of directors shall, from time to time, designate either the chairman of the board of directors, the president or, if elected, the vice-chairman of the board of directors, as the chief executive officer of the corporation, who shall have general supervision of the affairs of the corporation. The board of directors may, from time to time, designate a chief operating officer and a chief financial officer from among the officers of the corporation. Each officer

2

shall continue in office until his successor shall have been duly elected and qualified or until removed in the manner hereinafter provided. Vacancies occasioned by any cause in any one or more of such offices may be filled for the unexpired portion of the term by the board of directors at any regular or special meeting of the board.

Section B. Chairman of the Board. The chairman of the board shall be chosen from among the directors and shall preside at all meetings of the board of directors and shareholders. He shall confer from time to time with members of the board and the officers of the corporation and shall perform such other duties as may be assigned to him by the board. Except where by law the signature of the president is required, the chairman of the board shall possess the same power as the president to sign all certificates, contracts, and other instruments of the corporation which may be authorized by the board of directors. During the absence or disability of the president, if the president has been designated chief executive officer, the chairman of the board shall act as the chief executive officer of the corporation and shall exercise all the powers and discharge all the duties of the president.

Section C. Vice-Chairman of the Board. The vice-chairman of the board, if elected, shall be chosen from among the directors and shall, in the absence of the chairman of the board, preside at all meetings of the shareholders and directors. He shall have and exercise the powers and duties of the chairman of the board in the event of the chairman's absence or inability to act or during a vacancy in the office of chairman of the board. He shall possess the same power as the chairman to sign all certificates, contracts, and other instruments of the corporation which may be authorized by the board of directors. He shall also have such other duties and responsibilities as shall be assigned to him by the board of directors or chairman.

Section D. The President. The president and his duties shall be subject to the control of the board of directors and, if the chairman of the board has been designated chief executive officer, to the control of the chairman of the board. The president shall have the power to sign and execute all deeds, mortgages, bonds, contracts, and other instruments of the corporation as authorized by the board of directors, except in cases where the signing and execution thereof shall be expressly designated by the board of directors or by these bylaws to some other officer, official or agent of the corporation. The president shall perform all duties incident to the office of president and such other duties as are properly required of him by the bylaws. During the absence or disability of the chairman of the board and the vice-chairman of the board, the president shall exercise all the powers and discharge all the duties of the chairman of the board.

Section E. The Vice Presidents. The vice presidents shall possess the same power as the president to sign all certificates, contracts, and other instruments of the corporation which may be authorized by the board of directors, except where by law the signature of the president is required. All vice presidents shall perform such duties as may from time to time be assigned to them by the board of directors, the chairman of the board, and the president. In the event of the absence or disability of the president, and at the request of the chairman of the board, or in his absence or disability, at the request of the vice-chairman of the board, or in his absence or disability at the request of the board of directors, the vice presidents in the order designated by the chairman of the board, or in his absence or disability by the vice-chairman of the board, or in his absence or disability by the board of directors, shall perform all of the duties of the president, and when so acting they shall have all of the powers of and be subject to the restrictions upon the president and shall act as a member of, or as a chairman of, any standing or special committee of which the president is a member or chairman by designation or ex officio.

Section F. The Corporate Secretary. The corporate secretary of the corporation shall:

(1) Keep the minutes of the meetings of the shareholders and the board of directors in books provided for that purpose.

3

(2) See that all notices are duly given in accordance with the provisions of these bylaws and as required by law.

(3) Be custodian of the records and of the seal of the corporation and see that the seal is affixed to all documents, the execution of which on behalf of the corporation under its seal is duly authorized in accordance with the provisions of these bylaws.

(4) Keep a register of the post office address of each shareholder, which shall be furnished to the corporate secretary at his request by such shareholder, and make all proper changes in such register, retaining and filing his authority for all such entries.

(5) See that the books, reports, statements, certificates and all other documents and records required by law are properly kept, filed, and authenticated.

(6) In general, perform all duties incident to the office of corporate secretary and such other duties as may from time to time be assigned to him by the board of directors.

(7) In case of absence or disability of the corporate secretary, the assistant secretaries, in the order designated by the chief executive officer, shall perform the duties of corporate secretary.

Section G. The Treasurer. The treasurer of the corporation shall:

- (1) Give bond for the faithful discharge of his duties if required by the board of directors.
- (2) Have the charge and custody of, and be responsible for, all funds and securities of the corporation, and deposit all such funds in the name of the corporation in such banks, trust companies, or other depositories as shall be selected in accordance with the provisions of these bylaws.
- (3) At all reasonable times, exhibit his books of account and records, and cause to be exhibited the books of account and records of any corporation a majority of whose stock is owned by the corporation, to any of the directors of the corporation upon application during business hours at the office of this corporation or such other corporation where such books and records are kept.
- (4) Render a statement of the conditions of the finances of the corporation at all regular meetings of the board of directors, and a full financial report at the annual meeting of the shareholders, if called upon so to do.
- (5) Receive and give receipts for monies due and payable to the corporation from any source whatsoever.
- (6) In general, perform all of the duties incident to the office of treasurer and such other duties as may from time to time be assigned to him by the board of directors.
- (7) In case of absence or disability of the treasurer, the assistant treasurers, in the order designated by the chief executive officer, shall perform the duties of treasurer.
- (8) All acts affecting the treasurer's duties and responsibilities shall be subject to the review and approval of the corporation's chief financial officer.

Section H. The Controller. The controller of the corporation shall:

- (1) Direct the financial closings and the preparation of monthly, quarterly and annual consolidated historical financial statements and reports to executive and operating management.
- (2) Direct the preparation of financial reports required by federal, state and local regulatory agencies and the preparation of quarterly and annual financial statements and reports to shareholders, the Securities and Exchange Commission and other interested parties.

4

- (3) Provide primary contact for the corporation's independent accountants and all of its consolidated domestic and foreign subsidiaries and represent management to the corporation's domestic and international independent accountants.
- (4) Perform and/or direct technical accounting and financial reporting research and monitor developments in accounting and regulatory standards (e.g., FASB, SEC, EITF, IRS).
- (5) Direct the corporation's domestic and foreign tax planning, preparation and compliance.
- (6) In general, perform all of the duties incident to the office of controller and such other duties as may from time to time be assigned by the board of directors.
- (7) In case of absence or disability of the controller, the assistant controllers, in the order designated by the chief financial officer, shall perform the duties of controller.
- (8) All acts affecting the controller's duties and responsibilities shall be subject to the review and approval of the corporation's chief financial officer.

Article Five Corporate Seal

The corporate seal of the corporation shall be a round, metal disc with the words "Ball Corporation" around the outer margin thereof, and the words "Corporate Seal," in the center thereof, so mounted that it may be used to impress words in raised letters upon paper.

Article Six Amendment

These bylaws may be altered, added to, amended, or repealed by the board of directors of the corporation at any regular or special meeting thereof.

5

QuickLinks

[Exhibit 3.2](#)

[Bylaws of Ball Corporation \(As of January 22, 2003\)](#)

[Article One Capital Stock](#)

[Article Two Shareholders](#)

[Article Three Directors](#)

[Article Four Officers](#)

[Article Five Corporate Seal](#)

[Article Six Amendment](#)

**Bylaws
of
Ball Technologies Holdings Corp.
(Dated August 10, 1998)**

ARTICLE 1.—Offices

1.1 Principal Office: The principal offices of the Corporation shall initially be at 10 Longs Peak Drive, Broomfield, Colorado 80021, but the Corporation may, in the discretion of the board of directors, maintain offices wherever the business of the Corporation may require.

1.2 Registered Office and Agent: The Corporation shall continuously maintain in the State of Colorado a registered office and a registered agent whose business office is identical with the registered office. The initial registered office and the initial registered agent are specified in the Articles of Incorporation. The Corporation may change its registered office, its registered agent, or both, upon filing a statement as specified by law in the office of the Secretary of State of Colorado.

ARTICLE 2.—Meeting of Shareholders

2.1 Time and Place: Any meeting of the shareholders may be held at such time and place, within or outside of the State of Colorado, as may be fixed by the board of directors or as shall be specified in the notice or waiver of notice of the meeting.

2.2 Annual Meeting: The annual meeting of the shareholders shall be held at the offices of Ball Corporation in Muncie, Indiana, on the Monday preceding the fourth Tuesday in April, if not a legal holiday, and if a legal holiday, then on the next day.

2.3 Special Meetings: Special meetings of the shareholders, for any purpose or purposes, may be called by the president, the board of directors, or the holders of not less than one tenth of all of the shares entitled to vote at the meeting.

2.4 Record Date: For determining shareholders entitled to notice of or to vote at any meeting of shareholders or any adjournment thereof, or entitled to receive payment of any dividend, or in order to make a determination of shareholders for any other proper purpose, the board of directors may fix in advance a date as the record date for any such determination of shareholders. The record date may be fixed not more than fifty and, in the case of a meeting of the shareholders, not less than ten days before the date of the proposed action, except (i) when it is proposed that the number of authorized shares be increased, in which case the record date shall be not less than thirty days before the date of such action, and (ii) when it is proposed that all or substantially all of the property and assets of the Corporation be sold, leased, exchanged, or otherwise disposed of other than in the usual and regular course of business or other than in liquidation (but not by way of mortgage or pledge), in which case the record date shall be not less than twenty days before the date of such action. If no record date is so fixed, the date on which notice of the meeting is mailed or the date on which the resolution of the board of directors declaring the dividend is adopted, as the case may be, shall be the record date for such determination of shareholders.

2.5 Voting List: At least ten days before each meeting of shareholders the secretary of the Corporation shall make a complete list of the shareholders, entitled to vote at such meeting or any adjournment thereof. The list shall be arranged in alphabetical order and shall contain the address of and number of shares held by each shareholder. The list shall be kept on file at the principal office of the Corporation for ten days prior to such meeting, shall be produced and kept open at the meeting, and shall be subject to inspection by any shareholder for any purpose germane to the meeting during usual business hours of the Corporation and during the whole time of the meeting.

2.6 Notices: Written notice stating the place, day, and hour of the meeting shall be delivered not less than ten nor more than fifty days before the date of the meeting, except (i) when it is proposed that the number of authorized shares be increased, in which case at least thirty days notice shall be given, and (ii) when it is proposed that all or substantially all of the property and assets of the Corporation be sold, leased, exchanged, or otherwise disposed of other than in the usual and regular course of business or other than in liquidation (but not by way of mortgage or pledge), in which case at least twenty days notice shall be given. Notice shall be given either personally or by mail, by or at the direction of the president, the secretary, or the officer or person calling the meeting, to each shareholder of record entitled to vote at such meeting. If mailed, the notice shall be deemed to be delivered when deposited in the United States mail, postage prepaid, addressed to the shareholder at his address as it appears on the stock transfer books of the Corporation. If delivered personally, the notice shall be deemed to be delivered when handed to the shareholder or deposited at his address as it appears on the stock transfer books of the Corporation. In giving notice to a shareholder, the Corporation shall be entitled to rely on the last address furnished to the Corporation for such purpose by such shareholder, and if three successive letters mailed to the last-known address of any shareholder of record are returned as undeliverable, no further notices to such shareholder shall be necessary until he makes another address known to the Corporation. In the case of a special meeting and in the case of an annual meeting at which action will be taken with respect to amendment to the articles of incorporation, the merger, consolidation, dissolution, or liquidation of the Corporation, the exchange of any of its shares for the shares of another corporation pursuant to the plan or exchange to be approved by the shareholders, or the sale, lease, exchange, or other disposition of all or substantially all of its assets, the purpose or purposes for which the meeting is called shall be stated in the notice.

2.7 Quorum: A majority of the shares entitled to vote, represented in person or by proxy, shall constitute a quorum at any meeting of the shareholders. If a quorum is not present or represented, the shareholders present in person or by proxy may adjourn the meeting from time to time for up to thirty days at any one adjournment, until the number of shares required for a quorum are present. If the adjournment is for more than thirty days or if, after the adjournment, a new record date is fixed for the adjourned meeting, a notice of the adjourned meeting shall be given to each shareholder of record entitled to vote at the meeting. Otherwise, no such notice need be given other than announcement at the initial meeting. At any adjourned meeting at which a quorum is represented, any business may be transacted that could have been transacted at the meeting originally called. The shareholders present or represented at a duly organized meeting may continue to transact business until adjournment, notwithstanding the withdrawal of enough shareholders to leave less than a quorum.

2.8 Voting: Except as otherwise provided by law, all matters shall be decided by a vote of the majority of the shares represented at the meeting and entitled to vote on the subject matter. Each outstanding share shall be entitled to one vote on each matter submitted to a vote of the shareholders. A shareholder may vote either in person or by proxy executed in writing by the shareholder or by his duly authorized attorney-in-fact. Such proxy shall be filed with the secretary of the Corporation before or at the time of the meeting. No proxy shall be valid after eleven months from the date of its execution, unless otherwise provided in the proxy. Voting shall be oral, except as otherwise provided by law, but shall be by written ballot if so demanded by any shareholder entitled to vote who is present in person or by proxy.

2.9 Waiver of Notice: Whenever law or these bylaws require notice of a shareholders' meeting to be given, a written waiver of notice signed by a shareholder entitled to notice, whether before, at, or after the time stated in the notice, shall be equivalent to the giving of notice. By attending a meeting, a shareholder waives any objection to (i) lack of notice or defective notice of such meeting unless he objects, at the beginning of the meeting, to the holding of the meeting or the transaction of business at the meeting or (ii) consideration at such meeting of any matter not within the purpose or purposes described in the notice of the meeting unless he objects to considering the matter when it is presented.

2.10 Action by Shareholders Without a Meeting: Any action required or permitted to be taken at a meeting of the shareholders may be taken without a meeting if a consent in writing, describing the action so taken, is signed by all of the shareholders entitled to vote with respect to such action and is delivered to the secretary for inclusion in the minutes or for filing with the corporate records. Such consent may be executed in counterparts and shall be effective as of the date of the last signature thereon, unless the consent specifies a different effective date. The record date for determining shareholders entitled to take such action is the date the first shareholder signs the consent.

ARTICLE 3.—Directors

3.1 Authority of Board of Directors: The business and affairs of the Corporation shall be managed by a board of directors, except as otherwise provided by Colorado law or the articles of incorporation of the Corporation.

3.2 Number: The number of directors of this corporation shall be no fewer than three; provided, however, that if all outstanding shares are held of record by fewer than three shareholders, then there need be only as many directors as there are shareholders of record. Subject to such limitation, the number of directors shall be fixed by resolution of the board of directors, and may be increased or decreased by resolution of the board of directors, but no decrease shall have the effect of shortening the term of any incumbent director.

3.3 Qualification: Directors shall be natural persons at least eighteen years old, but need not be residents of the State of Colorado or shareholders of the Corporation.

3.4 Election: The board of directors shall be elected at the annual meeting of the shareholders or at a special meeting called for that purpose.

3.5 Term: Each director shall be elected to hold office until the next annual meeting of shareholders and until his successor is elected and qualified.

3.6 Removal and Resignation: Any director may be removed at a meeting expressly called for that purpose, with or without cause, by a vote of the holders of the majority of shares entitled to vote at any election of directors. Any director may resign at any time by giving written notice to the president or to the secretary, and acceptance of such resignation shall not be necessary to make it effective unless the notice so provides.

3.7 Vacancies: Any vacancy occurring on the board of directors and any directorship to be filled by reason of an increase in the size of the board of directors shall be filled by an affirmative vote of a majority, though less than a quorum, of the remaining directors. A director elected to fill a vacancy shall hold office during the unexpired term of his predecessor in office. A director elected to fill a position resulting from an increase in the board of directors shall hold office until the next annual meeting of shareholders and until his successor is elected and qualified.

3.8 Meetings: A regular meeting of the board of directors shall be held immediately after, and at the same place as, the annual meeting of shareholders. No notice of this meeting of the board of directors need be given. The board of directors may, by resolution, establish a time and place for additional regular meetings which may thereafter be held without further notice. Special meetings of the board of directors may be called by the chairman of the board (if any), the president, or any two members of the board of directors.

3.9 Notices: Notice of a special meeting, stating the date, hour, and place of such meeting, shall be given to each member of the board of directors by the chairman of the board, the president, the secretary, or the members of the board calling the meeting. The notice may be deposited in the United States mail at least seven days before the meeting addressed to the director at the last address he has furnished to the Corporation for this purpose, and any notice so mailed shall be deemed to have been

given when it was mailed. Notice may also be given at least twenty-four hours before the meeting in person, or by telephone, prepared telegram, telex, cablegram, radiogram, or similar method, and such notice shall be deemed to have been given when the personal or telephone conversation occurs, or when the telegram, telex, cablegram, radiogram, or other form of notice is either personally delivered to the director or delivered to the last address of the director furnished to the Corporation by him for this purpose.

3.10 Quorum: Except as provided in Section 3.7 of these bylaws, a majority of the number of directors fixed in accordance with these bylaws shall constitute a quorum for the transaction of business at all meetings of the board of directors. The act of a majority of the directors present at any meeting at which a quorum is present shall be the act of the board of directors, except as otherwise specifically required by law.

3.11 Waiver of Notice: A written waiver of notice signed by a director, whether before, at, or after the time stated therein, shall be equivalent to the giving of notice. By attending or participating in any regular or special meeting, a director waives any required notice of such meeting unless he objects, at the beginning of the meeting, to the holding of the meeting or to the transacting of business at the meeting.

3.12 Attendance by Telephone: One or more members of the board of directors or of any committee designated by the board of directors may participate in a meeting of the board or committee by means of conference telephone or similar communications equipment by which all persons participating in the meeting can hear each other at the same time. Such participation shall constitute presence in person at the meeting.

3.13 Action by Directors Without a Meeting: Any action required to or permitted to be taken at a meeting of the board of directors or any committee of the directors may be taken without a meeting if a consent in writing, describing the action so taken, is signed by all of the directors or committee members entitled to vote with respect to the proposed action. Such consent may be executed in counterparts and shall be effective as of the date of the last signature thereon, unless the consent specifies a different effective date.

ARTICLE 4.—Committees

4.1 Authorization of Committees of the Board of Directors: The board of directors, by resolution adopted by a majority of the full board of directors, may designate from among its members an executive committee and one or more other committees, each of which, to the extent provided in the resolution, shall have all of the authority, powers,

and duties of the board of directors, except that no such committee shall have the authority to do any of the following: (i) declare dividends or distributions; (ii) approve or recommend to shareholders actions or proposals required by the Colorado Corporation Code to be approved by shareholders; (iii) fill vacancies on the board of directors or any committee thereof; (iv) amend these bylaws; (v) approve a plan of merger not requiring shareholder approval; (vi) reduce earned or capital surplus; (vii) authorize or approve the reacquisition of shares unless pursuant to a general formula or method specified by the board of directors; or (viii) authorize or approve the issuance or sale of or any contract to issue or sell shares, or designate the terms of a series of a class of shares, except that the board of directors, having acted regarding general authorization for the issuance or sale of shares or any contract therefor and, in the case of a series, the designation thereof, may, pursuant to a general formula or method specified by the board by resolution or by adoption of a stock option or other plan, authorize a committee to fix the terms of any contract for the sale of the shares and to fix the terms upon which such shares may be issued or sold, including, without limitation, the price, the dividend rate, provisions for redemption, sinking fund, conversion, or voting or preferential rights, and provision for other features of a class of shares or a series of a class or shares, with full power in such committee to adopt any final resolution setting forth all terms thereof

and to authorize the statement of the terms of a series for filing with the secretary of state under the Colorado Corporation Code. Subject to the foregoing, the board of directors may provide by resolution such powers, limitations, and procedures for such committees as the board deems advisable. To the extent the board of directors does not establish other procedures for such a committee, each committee shall be governed by the procedures established in Section 3.8 (except as they relate to an annual meeting of directors) and Sections 3.9, 3.10, 3.11, 3.12 and 3.13 of these bylaws, as if the committee were the board of directors. Neither the designation of such committee, the delegation of authority to such committee, nor any action by such committee pursuant to its authority shall alone constitute compliance by any member of the board of directors not a member of the committee in question, with his responsibility under the Colorado Corporation Code to act in good faith, in a manner he reasonably believes to be in the best interests of the Corporation, and with such care as an ordinarily prudent person in a like position would use under similar circumstances.

ARTICLE 5.—Officers

5.1 Number and Election: The officers of the Corporation shall be a president, a secretary, and a treasurer, who shall be elected by the board of directors. In addition, the board of directors may elect a chairman and a vice chairman of the board and one or more vice presidents, and the board of directors or the president may appoint one or more assistant secretaries or assistant treasurers, and such other subordinate officers and agents as it or he shall deem necessary, who shall hold their offices and agencies for such terms and shall exercise such powers and perform such duties as shall be determined from time to time by these bylaws, the board of directors, or the president. Any two or more offices may be held by the same person, except the offices of president and secretary. The officers of the Corporation shall be natural persons at least eighteen years old.

5.2 President: The president shall be the chief executive officer of the Corporation. He shall preside at all meetings of shareholders and, unless the board of directors has elected a chairman or vice chairman, at all meetings of the board of directors. Subject to the direction and control of the board of directors, he shall have general and active management of the business of the Corporation and shall see that all orders and resolutions of the board of directors are carried into effect. He may negotiate, enter into, and execute contracts, deeds, and other instruments on behalf of the Corporation as are necessary and appropriate or as are approved by the board of directors or committees designated by the board of directors. He shall have such additional authority, power, and duties as are appropriate and customary for the office of president and chief executive officer and as the board of directors may prescribe from time to time.

5.3 Vice President: The vice president, if any, or, if there are more than one, the vice presidents in the order determined by the board of directors or the president, shall be the officer(s) next in seniority after the president. Each vice president shall have such authority, power, and duties as are prescribed by the board of directors or president. Upon the death, absence, or disability of the president, the vice president, if any, or, if there are more than one, the vice presidents in the order determined by the board of directors or the president, shall have the authority, power, and duties of the president.

5.4 Secretary: The secretary shall give, or cause to be given, notice of all meetings of the shareholders and special meetings of the board of directors, keep the minutes of such meetings, have charge of the corporate seal and stock records, be responsible for the maintenance of all corporate records and files and the preparation and filing of reports to governmental agencies (other than tax returns), have authority to affix the corporate seal to any instrument requiring it (and, when so affixed, it may be attested by his signature), and have such other authority, powers, and duties as are appropriate and customary for the office of secretary or as the board of directors or the president may prescribe from time to time.

5.5 Assistant Secretary: The assistant secretary, if any, or, if there are more than one, the assistant secretaries in the order determined by the board of directors or the president shall, under the supervision of the president and the secretary, perform such other duties and have such other powers as may be prescribed from time to time by the board of directors or the president. Upon the death, absence, or disability of the secretary, the assistant secretary if any, or, if there are more than one, the assistant secretaries in the order designated by the board of directors or the president, shall have the authority, power, and duties of the secretary.

5.6 Treasurer: The treasurer shall have control of the funds and the care and custody of all stocks, bonds, and other securities owned by the Corporation, and shall be responsible for the preparation and filing of tax returns. He shall receive all moneys paid to the Corporation and, subject to any limits imposed by the board of directors or the president, shall have authority to give receipts and vouchers, to sign and endorse checks and warrants in the Corporation's name and on the Corporation's behalf, and give full discharge for the same. The treasurer shall also have charge of disbursement of funds of the Corporation, shall keep full and accurate records of the receipts and disbursements, and shall deposit all moneys and other valuable effects in the name and to the credit of the Corporation in such depositories as shall be designated by the board of directors. He shall have such additional authority, powers, and duties as are appropriate and customary for the office of treasurer and as the board of directors or president may prescribe from time to time.

5.7 Assistant Treasurer: The assistant treasurer, if any, or, if there are more than one, the assistant treasurers in the order determined by the board of directors or the president shall, under the supervision of the president and the treasurer, have such authority, powers, and duties as may be prescribed from time to time by the board of directors or the president. Upon the death, absence, or disability of the treasurer, the assistant treasurer, if any, or, if there are more than one, the assistant treasurers in the order determined by the board of directors or the president, shall have the authority, powers, and duties of the Treasurer.

5.8 Removal and Resignation: Any officer elected or appointed by the board of directors may be removed at any time by the board of directors. Any officer appointed by the president may be removed at any time by the board of directors or the president. Any officer may resign at any time by giving written notice of his resignation to the president or to the secretary, and acceptance of such resignation shall not be necessary to make it effective, unless the notice so provides. Any vacancy occurring in any office, the election or appointment to which is made by the board of directors, shall be filled by the board of directors. Any vacancy occurring in any other office of the Corporation may be filled by the board of directors or the president for the unexpired portion of the term.

5.9 Compensation: Officers shall receive such compensation for their services as may be authorized or ratified by the board of directors. Election or appointment of an officer shall not of itself create a contractual right to compensation for services performed as such officer.

ARTICLE 6.—Indemnification

6.1 Indemnification: The Corporation shall indemnify each person who is or was a director, officer or employee of the Corporation, or of any other corporation, partnership, joint venture, trust or other enterprise which he is serving or served in any capacity at the request of the corporation, against any and all liability and reasonable expense that may be incurred by him in connection with or resulting from any claim, action, suit or proceeding (whether actual or threatened, brought by or in the right of the Corporation or such other corporation, partnership, joint venture, trust or other enterprise, or otherwise, civil, criminal, administrative, investigative, or in connection with an appeal relating thereto), in which he may become involved, as a party or otherwise, by reason of his being or having been a director, officer or employee of the corporation or of such other corporation, partnership, joint venture, trust or other enterprise or by reason of any past or future action taken or not taken in his capacity as

6

such director, officer or employee, whether or not he continues to be such at the time such liability or expense is incurred, provided that such person acted in good faith and in a manner he reasonably believed to be in the best interests of the Corporation or such other corporation, partnership, joint venture, trust or other enterprise, as the case may be, and, in addition, in any criminal action or proceedings, had no reasonable cause to believe that his conduct was unlawful. Notwithstanding the foregoing, there shall be no indemnification (i) as to amounts paid or payable to the Corporation, or such other corporation partnership, joint venture, trust or other enterprise, as the case may be, for or based upon the director, officer or employee having gained in fact any personal profit or advantage to which he was not legally entitled; (ii) as to amounts paid or payable to the Corporation for an accounting of profits in fact made from the purchase or sale of securities of the Corporation within the meaning of Section 16(b) of the Securities Exchange Act of 1934 and amendments thereto or similar provisions of any state statutory law; or (iii) with respect to matters as to which indemnification would be in contravention of the laws of the State of Colorado or of the United States of America, whether as a matter of public policy or pursuant to statutory provisions.

Any such director, officer or employee who has been wholly successful, on the merits or otherwise, with respect to any claim, action, suit or proceeding of the character described herein shall be entitled to indemnification as of right, except to the extent he has otherwise been indemnified. Except as provided in the preceding sentence, any indemnification hereunder shall be granted by the Corporation, but only if (i) the board of directors, acting by a quorum consisting of the directors who are not parties to or who have been wholly successful with respect to such claim, action, suit or proceeding, shall find that the director, officer or employee has met the applicable standards of conduct set forth in the first paragraph of this Section 6.1; or (ii) outside legal counsel engaged by the Corporation (who may be regular counsel of the Corporation) shall deliver to the Corporation its written opinion that such director, officer or employee has met such applicable standards of conduct; or (iii) a court of competent jurisdiction has determined that such director, officer or employee has met such standards, in an action brought either by the Corporation, or by the director, officer or employee seeking indemnification, applying de novo such applicable standards of conduct. The termination of any claim, action, suit or proceeding, civil or criminal, by judgment, settlement (whether with or without court approval) or conviction or upon a plea of guilty or of nolo contendere, or its equivalent, shall not create a presumption that a director, officer or employee did not meet the applicable standards of conduct set forth in the first paragraph of this Section 6.1.

As used in this Section 6.1, the term "liability" shall mean amounts paid in settlement or in satisfaction of judgments or fines or penalties, and the term "expense" shall include, but shall not be limited to, attorneys' fees and disbursements, incurred in connection with the claim, action, suit or proceeding. The Corporation may advance expenses to, or where appropriate may at its option and expense undertake the defense of, any such director, officer or employee upon receipt of an undertaking by or on behalf of such person to repay such expenses if it should ultimately be determined that the person is not entitled to indemnification under this Section 6.1.

The provisions of this Section 6.1 shall be applicable to claims, actions, suits or proceedings made or commenced after the adoption thereof, whether arising from acts or omissions to act occurring before or after the adoption hereof. If several claims, issues or matters of action are involved, any such director, officer or employee may be entitled to indemnification as to some matters even though he is not so entitled as to others. The rights of indemnification provided hereunder shall be in addition to any rights to which any director, officer or employee concerned may otherwise be entitled by contract or as a matter of law, and shall inure to the benefit of the heirs, executors and administrators of any such director, officer or employee.

7

ARTICLE 7.—Stock

7.1 Certificates: Certificates representing shares of the capital stock of the Corporation shall be in such form as is approved by the board of directors and shall be signed by the chairman or vice chairman of the board of directors, or the president or any vice president, and by the treasurer or an assistant treasurer, or the secretary or an assistant secretary. All certificates shall be consecutively numbered, and the names of the owners, the number of shares, and the date of issue shall be entered on the books of the Corporation. Each certificate representing shares shall state upon its face (i) that the Corporation is organized under the laws of the State of Colorado, (ii) the name of the person to whom issued, (iii) the number and class of the shares and the designation of the series, if any, that the certificate represents, (iv) the par value, if any, of each share represented by the certificate, and (v) any restrictions imposed by the Corporation upon the transfer of the shares represented by the certificate.

7.2 Facsimile Signatures: Where a certificate is signed (i) by a transfer agent other than the Corporation or its employee, or (ii) by a registrar other than the Corporation or its employees, any or all of the officers' signatures on the certificate required by Section 7.1 may be facsimile. If any officer, transfer agent or registrar who has signed, or whose facsimile signature or signatures have been placed upon, any certificate, shall cease to be such officer, transfer agent, or registrar, whether because of death, resignation, or otherwise, before the certificate is issued by the Corporation, it may nevertheless be issued by the Corporation with the same effect as if he were such officer, transfer agent or registrar at the date of issue.

7.3 Transfers of Stock: Transfers of shares shall be made on the books of the Corporation only upon presentation of the certificate or certificates representing such shares properly endorsed by the person or persons appearing upon the face of such certificate to be the owner, or accompanied by a proper transfer or assignment separate from the certificate, except as may otherwise be expressly provided by the statutes of the State of Colorado or by order of a court of competent jurisdiction. The officers or transfer agents of the Corporation may, in their discretion, require a signature guaranty before making any transfer. The Corporation shall be entitled to treat the person in whose name any shares of stock are registered on its books as the owner of those shares for all purposes, and shall not be bound to recognize any equitable or other claim or interest in the shares on the part of any other person, whether or not the Corporation shall have notice of such claim or interest.

7.4 Shares Held for Account of Another: The board of directors may adopt by resolution a procedure whereby a shareholder of the Corporation may certify in writing to the Corporation that all or a portion of the shares registered in the name of such shareholder are held for the account of a specified person or persons. The resolution shall set forth (i) the classification of shareholders who may certify; (ii) the purpose or purposes for which the certification may be made; (iii) the form of certification and information to be contained herein; (iv) if the certification is with respect to a record date or closing of the stock transfer books, the time after the record date or the closing of the stock transfer books within which the certification must be received by the Corporation; and (v) such other provisions with respect to the procedure as are deemed necessary or desirable. Upon receipt by the Corporation of a certification complying with the procedure, the persons specified in the certification shall be deemed, for the purpose or purposes set forth in the certification, to be the holders of record of the number of shares specified in place of the shareholder making the certification.

ARTICLE 8.—Seal

8.1 Corporate Seal: The board of directors may adopt a seal, circular in form and bearing the name of the Corporation and the words "SEAL" and "COLORADO," which, when adopted, shall constitute the seal of the Corporation. The seal may be used by causing it or a facsimile of it to be impressed, affixed, manually reproduced, or rubber stamped with indelible ink.

8

ARTICLE 9.—Fiscal Year

9.1 Fiscal Year: The board of directors may, by resolution, adopt a fiscal year for the Corporation.

ARTICLE 10.—Amendment

10.1 Amendment of Bylaws: These bylaws may at any time and from time to time be amended, supplemented, or repealed by the board of directors.

9

QuickLinks

[Exhibit 3.6](#)

[Bylaws of Ball Technologies Holdings Corp. \(Dated August 10, 1998\)](#)

[ARTICLE 1.—Offices](#)

[ARTICLE 2.—Meeting of Shareholders](#)

[ARTICLE 3.—Directors](#)

[ARTICLE 4.—Committees](#)

[ARTICLE 5.—Officers](#)

[ARTICLE 6.—Indemnification](#)

[ARTICLE 7.—Stock](#)

[ARTICLE 8.—Seal](#)

[ARTICLE 9.—Fiscal Year](#)

[ARTICLE 10.—Amendment](#)

BY-LAWS

OF

BALL METAL FOOD CONTAINER CORP.

(hereinafter called the "Corporation")

ARTICLE I

OFFICES

Section 1. *Registered Office.* The registered office of the Corporation shall be in the City of Wilmington, County of New Castle, State of Delaware.

Section 2. *Other Offices.* The Corporation may also have offices at such other places both within and without the State of Delaware as the Board of Directors may from time to time determine.

ARTICLE II

MEETINGS OF STOCKHOLDERS

Section 1. *Place of Meetings.* Meetings of the stockholders for the election of directors or for any other purpose shall be held at such time and place, either within or without the State of Delaware as shall be designated from time to time by the Board of Directors and stated in the notice of the meeting or in a duly executed waiver of notice thereof.

Section 2. *Annual Meetings.* The Annual Meetings of Stockholders shall be held on such date and at such time as shall be designated from time to time by the Board of Directors and stated in the notice of the meeting, at which meetings the stockholders shall elect by a plurality vote a Board of Directors, and transact such other business as may properly be brought before the meeting. Written notice of the Annual Meeting stating the place, date and hour of the meeting shall be given to each stockholder entitled to vote at such meeting not less than ten nor more than sixty days before the date of the meeting.

Section 3. *Special Meetings.* Unless otherwise prescribed by law or by the Certificate of Incorporation, Special Meetings of Stockholders, for any purpose or purposes, may be called by either (i) the Chairman, if there be one, or (ii) the President, (iii) any Vice President, if there be one, (iv) the Secretary or (v) any Assistant Secretary, if there be one, and shall be called by any such officer at the request in writing of a majority of the Board of Directors or at the request in writing of stockholders owning a majority of the capital stock of the Corporation issued and outstanding and entitled to vote. Such request shall state the purpose or purposes of the proposed meeting. Written notice of a Special Meeting stating the place, date and hour of the meeting and the purpose or purposes for which the meeting is called shall be given not less than ten nor more than sixty days before the date of the meeting to each stockholder entitled to vote at such meeting.

Section 4. *Quorum.* Except as otherwise provided by law or by the Certificate of Incorporation, the holders of a majority of the capital stock issued and outstanding and entitled to vote thereat, present in person or represented by proxy, shall constitute a quorum at all meetings of the stockholders for the transaction of business. If, however, such quorum shall not be present or represented at any meeting of the stockholders, the stockholders entitled to vote thereat, present in person or represented by proxy, shall have power to adjourn the meeting from time to time, without notice other than announcement at the meeting, until a quorum shall be present or represented. At such adjourned meeting at which a quorum shall be present or represented, any business may be transacted which might have been transacted at the meeting as originally noticed. If the adjournment is for more than

thirty days, or if after the adjournment a new record date is fixed for the adjourned meeting, a notice of the adjourned meeting shall be given to each stockholder entitled to vote at the meeting.

Section 5. *Voting.* Unless otherwise required by law, the Certificate of Incorporation or these By-Laws, any question brought before any meeting of stockholders shall be decided by the vote of the holders of a majority of the stock represented and entitled to vote thereat. Each stockholder represented at a meeting of stockholders shall be entitled to cast one vote for each share of the capital stock entitled to vote thereat held by such stockholder. Such votes may be cast in person or by proxy but no proxy shall be voted on or after three years from its date, unless such proxy provides for a longer period. The Board of Directors, in its discretion, or the officer of the Corporation presiding at a meeting of stockholders, in his discretion, may require that any votes cast at such meeting shall be cast by written ballot.

Section 6. *Consent of Stockholders in Lieu of Meeting.* Unless otherwise provided in the Certificate of Incorporation, any action required or permitted to be taken at any Annual or Special Meeting of Stockholders of the Corporation, may be taken without a meeting, without prior notice and without a vote, if a consent in writing, setting forth the action so taken, shall be signed by the holders of outstanding stock having not less than the minimum number of votes that would be necessary to authorize or take such action at a meeting at which all shares entitled to vote thereon were present and voted. Prompt notice of the taking of the corporate action without a meeting by less than unanimous written consent shall be given to those stockholders who have not consented in writing.

Section 7. *List of Stockholders Entitled to Vote.* The officer of the Corporation who has charge of the stock ledger of the Corporation shall prepare and make, at least ten days before every meeting of stockholders, a complete list of the stockholders entitled to vote at the meeting, arranged in alphabetical order, and showing the address of each stockholder and the number of shares registered in the name of each stockholder. Such list shall be open to the examination of any stockholder, for any purpose germane to the meeting, during ordinary business hours, for a period of at least ten days prior to the meeting, either at a place within the city where the meeting is to be held, which place shall be specified in the notice of the meeting, or, if not so specified, at the place where the meeting is to be held. The list shall also be produced and kept at the time and place of the meeting during the whole time thereof, and may be inspected by any stockholder of the Corporation who is present.

Section 8. *Stock Ledger.* The stock ledger of the Corporation shall be the only evidence as to who are the stockholders entitled to examine the stock ledger, the list required by Section 7 of this Article II or the books of the Corporation, or to vote in person or by proxy at any meeting of stockholders.

ARTICLE III

DIRECTORS

Section 1. *Number and Election of Directors.* The Board of Directors shall consist of not less than one nor more than fifteen members, the exact number of which shall initially be fixed by the Incorporator and thereafter from time to time by the Board of Directors. Except as provided in Section 2 of this Article, directors shall be elected by a plurality of the votes cast at Annual Meetings of Stockholders, and each director so elected shall hold office until the next Annual Meeting and until his successor is duly elected and qualified, or until his earlier resignation or removal. Any director may resign at any time upon notice to the Corporation. Directors need not be stockholders.

Section 2. *Vacancies.* Vacancies and newly created directorships resulting from any increase in the authorized number of directors may be filled by a majority of the directors then in office, though less than a quorum, or by a sole remaining director, and the directors so chosen shall hold office until

2

the next annual election and until their successors are duly elected and qualified, or until their earlier resignation or removal.

Section 3. *Duties and Powers.* The business of the Corporation shall be managed by or under the direction of the Board of Directors which may exercise all such powers of the Corporation and do all such lawful acts and things as are not by statute or by the Certificate of Incorporation or by these By-Laws directed or required to be exercised or done by the stockholders.

Section 4. *Meetings.* The Board of Directors of the Corporation may hold meetings, both regular and special, either within or without the State of Delaware. Regular meetings of the Board of Directors may be held without notice at such time and at such place as may from time to time be determined by the Board of Directors. Special meetings of the Board of Directors may be called by the Chairman, if there be one, the President, or any directors. Notice thereof stating the place, date and hour of the meeting shall be given to each director either by mail not less than forty-eight (48) hours before the date of the meeting, by telephone or telegram on twenty-four (24) hours' notice, or on such shorter notice as the person or persons calling such meeting may deem necessary or appropriate in the circumstances.

Section 5. *Quorum.* Except as may be otherwise specifically provided by law, the Certificate of Incorporation or these By-Laws, at all meetings of the Board of Directors, a majority of the entire Board of Directors shall constitute a quorum for the transaction of business and the act of a majority of the directors present at any meeting at which there is a quorum shall be the act of the Board of Directors. If a quorum shall not be present at any meeting of the Board of Directors, the directors present thereat may adjourn the meeting from time to time, without notice other than announcement at the meeting, until a quorum shall be present.

Section 6. *Actions of Board.* Unless otherwise provided by the Certificate of Incorporation or these By-Laws, any action required or permitted to be taken at any meeting of the Board of Directors or of any committee thereof may be taken without a meeting, if all the members of the Board of Directors or committee, as the case may be, consent thereto in writing, and the writing or writings are filed with the minutes of proceedings of the Board of Directors or committee.

Section 7. *Meetings by Means of Conference Telephone.* Unless otherwise provided by the Certificate of Incorporation or these By-Laws, members of the Board of Directors of the Corporation, or any committee designated by the Board of Directors, may participate in a meeting of the Board of Directors or such committee by means of a conference telephone or similar communications equipment by means of which all persons participating in the meeting can hear each other, and participation in a meeting pursuant to this Section 7 shall constitute presence in person at such meeting.

Section 8. *Committees.* The Board of Directors may, by resolution passed by a majority of the entire Board of Directors, designate one or more committees, each committee to consist of one or more of the directors of the Corporation. The Board of Directors may designate one or more directors as alternate members of any committee, who may replace any absent or disqualified member at any meeting of any such committee. In the absence or disqualification of a member of a committee, and in the absence of a designation by the Board of Directors of an alternate member to replace the absent or disqualified member, the member or members thereof present at any meeting and not disqualified from voting, whether or not he or they constitute a quorum, may unanimously appoint another member of the Board of Directors to act at the meeting in the place of any absent or disqualified member. Any committee, to the extent allowed by law and provided in the resolution establishing such committee, shall have and may exercise all the powers and authority of the Board of Directors in the management of the business and affairs of the Corporation. Each committee shall keep regular minutes and report to the Board of Directors when required.

3

Section 9. *Compensation.* The directors may be paid their expenses, if any, of attendance at each meeting of the Board of Directors and may be paid a fixed sum for attendance at each meeting of the Board of Directors or a stated salary as director. No such payment shall preclude any director from serving the Corporation in any other capacity and receiving compensation therefor. Members of special or standing committees may be allowed like compensation for attending committee meetings.

Section 10. *Interested Directors.* No contract or transaction between the Corporation and one or more of its directors or officers, or between the Corporation and any other corporation, partnership, association, or other organization in which one or more of its directors or officers are directors or officers, or have a financial interest, shall be void or voidable solely for this reason, or solely because the director or officer is present at or participates in the meeting of the Board of Directors or committee thereof which authorizes the contract or transaction, or solely because his or their votes are counted for such purpose if (i) the material facts as to his or their relationship or interest and as to the contract or transaction are disclosed or are known to the Board of Directors or the committee, and the Board of Directors or committee in good faith authorizes the contract or transaction by the affirmative votes of a majority of the disinterested directors, even though the disinterested directors be less than a quorum; or (ii) the material facts as to his or their relationship or interest and as to the contract or transaction are disclosed or are known to the stockholders entitled to vote thereon, and the contract or transaction is specifically approved in good faith by vote of the stockholders; or (iii) the contract or transaction is fair as to the Corporation as of the time it is authorized, approved or ratified, by the Board of Directors, a committee thereof or the stockholders. Common or interested directors may be counted in determining the presence of a quorum at a meeting of the Board of Directors or of a committee which authorizes the contract or transaction.

ARTICLE IV

OFFICERS

Section 1. *General.* The officers of the Corporation shall be chosen by the Board of Directors and shall be a President, a Secretary and a Treasurer. The Board of Directors, in its discretion, may also choose a Chairman of the Board of Directors (who must be a director) and one or more Vice Presidents, Assistant Secretaries, Assistant Treasurers and other officers. Any number of offices may be held by the same person, unless otherwise prohibited by law, the Certificate of Incorporation or these By-Laws. The officers of the Corporation need not be stockholders of the Corporation nor, except in the case of the Chairman of the Board of Directors, need such officers be directors of the Corporation.

Section 2. *Election.* The Board of Directors at its first meeting held after each Annual Meeting of Stockholders shall elect the officers of the Corporation who shall hold their offices for such terms and shall exercise such powers and perform such duties as shall be determined from time to time by the Board of Directors; and all officers of the Corporation shall hold office until their successors are chosen and qualified, or until their earlier resignation or removal. Any officer elected by the Board of Directors may be removed at any time by the affirmative vote of a majority of the Board of Directors. Any vacancy occurring in any office of the Corporation shall be filled by the Board of Directors. The salaries of all officers of the Corporation shall be fixed by the Board of Directors.

Section 3. *Voting Securities Owned by the Corporation.* Powers of attorney, proxies, waivers of notice of meeting, consents and other instruments relating to securities owned by the Corporation may be executed in the name of and on behalf of the Corporation by the President or any Vice President and any such officer may, in the name of and on behalf of the Corporation, take all such action as any such officer may deem advisable to vote in person or by proxy at any meeting of security holders of any corporation in which the Corporation may own securities and at any such meeting shall possess and may exercise any and all rights and power incident to the ownership of such securities and which, as

4

the owner thereof, the Corporation might have exercised and possessed if present. The Board of Directors may, by resolution, from time to time confer like powers upon any other person or persons.

Section 4. *Chairman of the Board of Directors.* The Chairman of the Board of Directors, if there be one, shall preside at all meetings of the stockholders and of the Board of Directors. He shall be the Chief Executive Officer of the Corporation, and except where by law the signature of the President is required, the Chairman of the Board of Directors shall possess the same power as the President to sign all contracts, certificates and other instruments of the Corporation which may be authorized by the Board of Directors. During the absence or disability of the President, the Chairman of the Board of Directors shall exercise all the powers and discharge all the duties of the President. The Chairman of the Board of Directors shall also perform such other duties and may exercise such other powers as from time to time may be assigned to him by these By-Laws or by the Board of Directors.

Section 5. *President.* The President shall, subject to the control of the Board of Directors and, if there be one, the Chairman of the Board of Directors, have general supervision of the business of the Corporation and shall see that all orders and resolutions of the Board of Directors are carried into effect. He shall execute all bonds, mortgages, contracts and other instruments of the Corporation requiring a seal, under the seal of the Corporation, except where required or permitted by law to be otherwise signed and executed and except that the other officers of the Corporation may sign and execute documents when so authorized by these By-Laws, the Board of Directors or the President. In the absence or disability of the Chairman of the Board of Directors, or if there be none, the President shall preside at all meetings of the stockholders and the Board of Directors. If there be no Chairman of the Board of Directors, the President shall be the Chief Executive Officer of the Corporation. The President shall also perform such other duties and may exercise such other powers as from time to time may be assigned to him by these By-Laws or by the Board of Directors.

Section 6. *Vice Presidents.* At the request of the President or in his absence or in the event of his inability or refusal to act (and if there be no Chairman of the Board of Directors), the Vice President or the Vice Presidents if there is more than one (in the order designated by the Board of Directors) shall perform the duties of the President, and when so acting, shall have all the powers of and be subject to all the restrictions upon the President. Each Vice President shall perform such other duties and have such other powers as the Board of Directors from time to time may prescribe. If there be no Chairman of the Board of Directors and no Vice President, the Board of Directors shall designate the officer of the Corporation who, in the absence of the President or in the event of the inability or refusal of the President to act, shall perform the duties of the President, and when so acting, shall have all the powers of and be subject to all the restrictions upon the President.

Section 7. *Secretary.* The Secretary shall attend all meetings of the Board of Directors and all meetings of stockholders and record all the proceedings thereat in a book or books to be kept for that purpose; the Secretary shall also perform like duties for the standing committees when required. The Secretary shall give, or cause to be given, notice of all meetings of the stockholders and special meetings of the Board of Directors, and shall perform such other duties as may be prescribed by the Board of Directors or President, under whose supervision he shall be. If the Secretary shall be unable or shall refuse to cause to be given notice of all meetings of the stockholders and special meetings of the Board of Directors, and if there be no Assistant Secretary, then either the Board of Directors or the President may choose another officer to cause such notice to be given. The Secretary shall have custody of the seal of the Corporation and the Secretary or any Assistant Secretary, if there be one, shall have authority to affix the same to any instrument requiring it and when so affixed, it may be attested by the signature of the Secretary or by the signature of any such Assistant Secretary. The Board of Directors may give general authority to any other officer to affix the seal of the Corporation and to attest the affixing by his signature. The Secretary shall see that all books, reports, statements, certificates and other documents and records required by law to be kept or filed are properly kept or filed, as the case may be.

5

Section 8. *Treasurer.* The Treasurer shall have the custody of the corporate funds and securities and shall keep full and accurate accounts of receipts and disbursements in books belonging to the Corporation and shall deposit all moneys and other valuable effects in the name and to the credit of the Corporation in such depositories as may be designated by the Board of Directors. The Treasurer shall disburse the funds of the Corporation as may be ordered by the Board of Directors, taking proper vouchers for such disbursements, and shall render to the President and the Board of Directors, at its regular meetings, or when the Board of Directors so requires, an account of all his transactions as Treasurer and of the financial condition of the Corporation. If required by the Board of Directors, the Treasurer shall give the Corporation a bond in such sum and with such surety or sureties as shall be satisfactory to the Board of Directors for the faithful performance of the duties of his office and for the restoration to the Corporation, in case of his death, resignation, retirement or removal from office, of all books, papers, vouchers, money and other property of whatever kind in his possession or under his control belonging to the Corporation.

Section 9. *Assistant Secretaries.* Except as may be otherwise provided in these By-Laws, Assistant Secretaries, if there be any, shall perform such duties and have such powers as from time to time may be assigned to them by the Board of Directors, the President, any Vice President, if there be one, or the Secretary, and in the absence of the Secretary or in the event of his disability or refusal to act, shall perform the duties of the Secretary, and when so acting, shall have all the powers of and be subject to all the restrictions upon the Secretary.

Section 10. *Assistant Treasurers.* Assistant Treasurers, if there be any, shall perform such duties and have such powers as from time to time may be assigned to them by the Board of Directors, the President, any Vice President, if there be one, or the Treasurer, and in the absence of the Treasurer or in the event of his disability or refusal to act, shall perform the duties of the Treasurer, and when so acting, shall have all the powers of and be subject to all the restrictions upon the Treasurer. If required by the Board of Directors, an Assistant Treasurer shall give the Corporation a bond in such sum and with such surety or sureties as shall be satisfactory to the Board of Directors for the faithful performance of the duties of his office and for the restoration to the Corporation, in case of his death, resignation, retirement or removal from office, of all books, papers, vouchers, money and other property of whatever kind in his possession or under his control belonging to the Corporation.

Section 11. *Other Officers.* Such other officers as the Board of Directors may choose shall perform such duties and have such powers as from time to time may be assigned to them by the Board of Directors. The Board of Directors may delegate to any other officer of the Corporation the power to choose such other officers and to prescribe their respective duties and powers.

ARTICLE V

STOCK

Section 1. *Form of Certificates.* Every holder of stock in the Corporation shall be entitled to have a certificate signed, in the name of the Corporation (i) by the Chairman of the Board of Directors, the President or a Vice President and (ii) by the Treasurer or an Assistant Treasurer, or the Secretary or an Assistant Secretary of the Corporation, certifying the number of shares owned by him in the Corporation.

Section 2. *Signatures.* Where a certificate is countersigned by (i) a transfer agent other than the Corporation or its employee, or (ii) a registrar other than the Corporation or its employee, any other signature on the certificate may be a facsimile. In case any officer, transfer agent or registrar who has signed or whose facsimile signature has been placed upon a certificate shall have ceased to be such officer, transfer agent or registrar before such certificate is issued, it may be issued by the Corporation with the same effect as if he were such officer, transfer agent or registrar at the date of issue.

6

Section 3. *Lost Certificates.* The Board of Directors may direct a new certificate to be issued in place of any certificate theretofore issued by the Corporation alleged to have been lost, stolen or destroyed, upon the making of an affidavit of that fact by the person claiming the certificate of stock to be lost, stolen or destroyed. When authorizing such issue of a new certificate, the Board of Directors may, in its discretion and as a condition precedent to the issuance thereof, require the owner of such lost, stolen or destroyed certificate, or his legal representative, to advertise the same in such manner as the Board of Directors shall require and/or to give the Corporation a bond in such sum as it may direct as indemnity against any claim that may be made against the Corporation with respect to the certificate alleged to have been lost, stolen or destroyed.

Section 4. *Transfers.* Stock of the Corporation shall be transferable in the manner prescribed by law and in these By-Laws. Transfers of stock shall be made on the books of the Corporation only by the person named in the certificate or by his attorney lawfully constituted in writing and upon the surrender of the certificate therefor, which shall be cancelled before a new certificate shall be issued.

Section 5. *Record Date.* In order that the Corporation may determine the stockholders entitled to notice of or to vote at any meeting of stockholders or any adjournment thereof, or entitled to express consent to corporate action in writing without a meeting, or entitled to receive payment of any dividend or other distribution or allotment of any rights, or entitled to exercise any rights in respect of any change, conversion or exchange of stock, or for the purpose of any other lawful action, the Board of Directors may fix, in advance, a record date, which shall not be more than sixty days nor less than ten days before the date of such meeting, nor more than sixty days prior to any other action. A determination of stockholders of record entitled to notice of or to vote at a meeting of stockholders shall apply to any adjournment of the meeting; provided, however, that the Board of Directors may fix a new record date for the adjourned meeting.

Section 6. *Beneficial Owners.* The Corporation shall be entitled to recognize the exclusive right of a person registered on its books as the owner of shares to receive dividends, and to vote as such owner, and to hold liable for calls and assessments a person registered on its books as the owner of shares, and shall not be bound to recognize any equitable or other claim to or interest in such share or shares on the part of any other person, whether or not it shall have express or other notice thereof, except as otherwise provided by law.

ARTICLE VI

NOTICES

Section 1. *Notices.* Whenever written notice is required by law, the Certificate of Incorporation or these By-Laws, to be given to any director, member of a committee or stockholder, such notice may be given by mail, addressed to such director, member of a committee or stockholder, at his address as it appears on the records of the Corporation, with postage thereon prepaid, and such notice shall be deemed to be given at the time when the same shall be deposited in the United States mail. Written notice may also be given personally or by telegram, telex or cable.

Section 2. *Waivers of Notice.* Whenever any notice is required by law, the Certificate of Incorporation or these By-Laws, to be given to any director, member of a committee or stockholder, a waiver thereof in writing, signed, by the person or persons entitled to said notice, whether before or after the time stated therein, shall be deemed equivalent thereto.

ARTICLE VII

GENERAL PROVISIONS

Section 1. *Dividends.* Dividends upon the capital stock of the Corporation, subject to the provisions of the Certificate of Incorporation, if any, may be declared by the Board of Directors at any

7

regular or special meeting, and may be paid in cash, in property, or in shares of the capital stock. Before payment of any dividend, there may be set aside out of any funds of the Corporation available for dividends such sum or sums as the Board of Directors from time to time, in its absolute discretion, deems proper as a reserve or reserves to meet contingencies, or for equalizing dividends, or for repairing or maintaining any property of the Corporation, or for any proper purpose, and the Board of Directors may modify or abolish any such reserve.

Section 2. *Disbursements.* All checks or demands for money and notes of the Corporation shall be signed by such officer or officers or such other person or persons as the Board of Directors may from time to time designate.

Section 3. *Fiscal Year.* The fiscal year of the Corporation shall be fixed by resolution of the Board of Directors.

Section 4. *Corporate Seal.* The corporate seal shall have inscribed thereon the name of the Corporation, the year of its organization and the words "Corporate Seal, Delaware." The seal may be used by causing it or a facsimile thereof to be impressed or affixed or reproduced or otherwise.

ARTICLE VIII

INDEMNITY

Section 1. *Third Party Actions.* The Corporation shall indemnify any person who was or is a party or is threatened to be made a party to any threatened, pending, or completed action, suit or proceeding, whether civil, criminal, administrative or investigative (other than an action by or in the right of the Corporation) by reason of the fact that he is or was a director or officer of the Corporation, or that such director or officer is or was serving at the request of the Corporation as a director, officer, employee or agent of another corporation, partnership, joint venture, trust or other enterprise (collectively "Agent"), against expenses (including attorneys' fees), judgments, fines and amounts paid in settlement (if such settlement is approved in advance by the Corporation, which approval shall not be unreasonably withheld) actually and reasonably incurred by him in connection with such action, suit or proceeding if he acted in good faith and in a manner he reasonably believed to be in or not opposed to the best interests of the Corporation, and, with respect to any criminal action or proceeding, had no reasonable cause to believe his conduct was unlawful. The termination of any action, suit or proceeding by judgment, order, settlement, conviction, or upon a plea of *nolo contendere* or its equivalent, shall not, of itself, create a presumption that the person did not act in good faith and in a manner which he reasonably believed to be in or not opposed to the best interest of the Corporation, and, with respect to any criminal action or proceeding, had reasonable cause to believe that his conduct was unlawful.

Section 2. *Actions by or in the Right of the Corporation.* The Corporation shall indemnify any person who was or is a party or is threatened to be made a party to any threatened, pending or completed action or suit by or in the right of the Corporation to procure a judgment in its favor by reason of the fact that he is or was an Agent (as defined in Section 1 of this Article VIII) against expenses (including attorneys' fees) actually and reasonably incurred by him in connection with the defense or settlement of such action or suit if he acted in good faith and in a manner he reasonably believed to be in or not opposed to the best interests of the Corporation and except that no indemnification shall be made in respect of any claim, issue or matter as to which such person shall have been adjudged to be liable to the Corporation unless and only to the extent that the Delaware Court of Chancery or the court in which such action or suit was brought shall determine upon application that, despite the adjudication of liability but in view of all the circumstances of the case, such person is fairly and reasonably entitled to indemnity for such expenses which the Delaware Court of Chancery or such other court shall deem proper.

8

Section 3. *Successful Defense.* To the extent that an Agent of the Corporation has been successful on the merits or otherwise in defense of any action, suit or proceeding referred to in Sections 1 and 2 of this Article VIII, or in defense of any claim, issue or matter therein, he shall be indemnified against expenses (including attorneys' fees) actually and reasonably incurred by him in connection therewith.

Section 4. *Determination of Conduct.* Any indemnification under Sections 1 and 2 of this Article VIII (unless ordered by a court) shall be made by the Corporation only as authorized in the specific case upon a determination that the indemnification of the Agent is proper in the circumstances because he has met the applicable standard of conduct set forth in Sections 1 and 2 of this Article VIII. Such determination shall be made (i) by the Board of Directors or an appropriate committee thereof by a majority vote of a quorum consisting of directors who were not parties to such action, suit or proceeding or (ii) or if such quorum is not obtainable or, even if obtainable, a quorum of disinterested directors so directs, by independent legal counsel in a written opinion, or (iii) by the stockholders.

Section 5. *Payment of Expenses in Advance.* Expenses incurred in defending a civil or criminal action, suit or proceeding shall be paid by the Corporation in advance of the final disposition of such action, suit or proceeding upon receipt of an undertaking by or on behalf of the director, officer, employee or agent to repay such amount if it shall ultimately be determined that he is not entitled to be indemnified by the Corporation as authorized in this Article VIII.

Section 6. *Indemnity Not Exclusive.* The indemnification and advancement of expenses provided or granted pursuant to the other Sections of this Article VIII shall not be deemed exclusive of any other rights to which those seeking indemnification or advancement of expenses may be entitled under any by-law, agreement, vote of stockholders or disinterested directors or otherwise, both as to action in his official capacity and as to action in another capacity while holding such office.

Section 7. *Insurance Indemnification.* The Corporation shall have the power to purchase and maintain insurance on behalf of any person who is or was an Agent of the Corporation, or is or was serving at the request of the Corporation, as a director, officer, employee or agent of another corporation, partnership, joint venture, trust or other enterprise against any liability asserted against him and incurred by him in any such capacity, or arising out of his status as such, whether or not the Corporation would have the power to indemnify him against such liability under the provisions of this Article VIII.

Section 8. *The Corporation.* For purposes of this Article VIII, references to "the Corporation" shall include, in addition to the resulting corporation, any constituent corporation (including any constituent of a constituent) absorbed in a consolidation or merger which, if its separate existence had continued, would have had power and authority to indemnify its directors and officers, so that any person who is or was a director or Agent of such constituent corporation, or is or was serving at the request of such constituent corporation as a director, officer, employee or agent of another corporation, partnership, joint venture, trust or other enterprise, shall stand in the same position under and subject to the provisions of this Article VIII (including, without limitation the provisions of Section 6 of this Article VIII) with respect to the resulting or surviving corporation as he would have with respect to such constituent corporation if its separate existence had continued.

Section 9. *Employee Benefit Plans.* For purposes of this Article VIII, references to "other enterprises" shall include employee benefit plans; references to "fines" shall include any excise taxes assessed on a person with respect to an employee benefit plan; and references to "serving at the request of the Corporation" shall include any service as a director, officer, employee or agent of the Corporation which imposes duties on, or involves services by, such director, officer, employee, or agent with respect to an employee benefit plan, its participants, or beneficiaries; and a person who acted in good faith and in a manner he reasonably believed to be in the interest of the participants and

9

beneficiaries of an employee benefit plan shall be deemed to have acted in a manner "not opposed to the best interests of the Corporation" as referred to in this Article VIII.

Section 10. *Indemnity Fund.* Upon resolution passed by the Board, the Corporation may establish a trust or other designated account, grant a security interest or use other means (including, without limitation, a letter of credit), to ensure the payment of certain of its obligations arising under this Article VIII and/or agreements which may be entered into between the Corporation and its officers and directors from time to time.

Section 11. *Indemnification of Other Persons.* The provisions of this Article VIII shall not be deemed to preclude the indemnification of any person who is not an Agent (as defined in Section 1 of this Article VIII), but whom the Corporation has the power or obligation to indemnify under the provisions of the General Corporation Law of the State of Delaware or otherwise. The Corporation may, in its sole discretion, indemnify an employee, trustee or other agent as permitted by the General Corporation Law of the State of Delaware. The Corporation shall indemnify an employee, trustee or other Agent where required by law.

Section 12. *Savings Clause.* If this Article VIII or any portion thereof shall be invalidated on any ground by any court of competent jurisdiction, then the Corporation shall nevertheless indemnify each Agent against expenses (including attorney's fees), judgments, fines and amounts paid in settlement with respect to any action, suit, proceeding or investigation, whether civil, criminal or administrative, and whether internal or external, including a grand jury proceeding and an action or suit brought by or in the right of the Corporation, to the full extent permitted by any applicable portion of this Article VIII that shall not have been invalidated, or by any other applicable law.

Section 13. *Continuation of Indemnification and Advancement of Expenses.* The indemnification and advancement of expenses provided by, or granted pursuant to, this Article VIII shall, unless otherwise provided when authorized or ratified, continue as to a person who has ceased to be director, officer, employee or agent and shall inure to the benefit of the heirs, executors and administrators of such a person.

ARTICLE IX

AMENDMENTS

Section 1. These By-Laws may be altered, amended or repealed, in whole or in part, or new By-Laws may be adopted by the stockholders or by the Board of Directors, provided, however, that notice of such alteration, amendment, repeal or adoption of new By-Laws be contained in the notice of such meeting of stockholders or Board of Directors as the case may be. All such amendments must be approved by either the holders of a majority of the outstanding capital stock entitled to vote thereon or by a majority of the entire Board of Directors then in office.

Section 2. *Entire Board of Directors.* As used in this Article IX and in these By-Laws generally, the term "entire Board of Directors" means the total number of directors which the Corporation would have if there were no vacancies.

QuickLinks

[Exhibit 3.10](#)

[BY-LAWS OF BALL METAL FOOD CONTAINER CORP. \(hereinafter called the "Corporation"\)](#)

[ARTICLE I OFFICES](#)

[ARTICLE II MEETINGS OF STOCKHOLDERS](#)

[ARTICLE III DIRECTORS](#)

[ARTICLE IV OFFICERS](#)

[ARTICLE V STOCK](#)

[ARTICLE VI NOTICES](#)

[ARTICLE VII GENERAL PROVISIONS](#)

[ARTICLE VIII INDEMNITY](#)

[ARTICLE IX AMENDMENTS](#)

BY-LAWS

OF

BG HOLDINGS I, INC.

(hereinafter called the "Corporation")

ARTICLE I

OFFICES

Section 1. *Registered Office.* The registered office of the Corporation shall be in the City of Wilmington, County of New Castle, State of Delaware.

Section 2. *Other Offices.* The Corporation may also have offices at such other places both within and without the State of Delaware as the Board of Directors may from time to time determine.

ARTICLE II

MEETINGS OF STOCKHOLDERS

Section 1. *Place of Meetings.* Meetings of the stockholders for the election of directors or for any other purpose shall be held at such time and place, either within or without the State of Delaware as shall be designated from time to time by the Board of Directors and stated in the notice of the meeting or in a duly executed waiver of notice thereof.

Section 2. *Annual Meetings.* The Annual Meetings of Stockholders shall be held on such date and at such time as shall be designated from time to time by the Board of Directors and stated in the notice of the meeting, at which meetings the stockholders shall elect by a plurality vote a Board of Directors, and transact such other business as may properly be brought before the meeting. Written notice of the Annual Meeting stating the place, date and hour of the meeting shall be given to each stockholder entitled to vote at such meeting not less than ten nor more than sixty days before the date of the meeting.

Section 3. *Special Meetings.* Unless otherwise prescribed by law or by the Certificate of Incorporation, Special Meetings of Stockholders, for any purpose or purposes, may be called by either (i) the Chairman, if there be one, or (ii) the President, (iii) any Vice President, if there be one, (iv) the Secretary or (v) any Assistant Secretary, if there be one, and shall be called by any such officer at the request in writing of a majority of the Board of Directors or at the request in writing of stockholders owning a majority of the capital stock of the Corporation issued and outstanding and entitled to vote. Such request shall state the purpose or purposes of the proposed meeting. Written notice of a Special Meeting stating the place, date and hour of the meeting and the purpose or purposes for which the meeting is called shall be given not less than ten nor more than sixty days before the date of the meeting to each stockholder entitled to vote at such meeting.

Section 4. *Quorum.* Except as otherwise provided by law or by the Certificate of Incorporation, the holders of a majority of the capital stock issued and outstanding and entitled to vote thereat, present in person or represented by proxy, shall constitute a quorum at all meetings of the stockholders for the transaction of business. If, however, such quorum shall not be present or represented at any meeting of the stockholders, the stockholders entitled to vote thereat, present in person or represented by proxy, shall have power to adjourn the meeting from time to time, without notice other than announcement at the meeting, until a quorum shall be present or represented. At such adjourned meeting at which a quorum shall be present or represented, any business may be transacted which might have been transacted at the meeting as originally noticed. If the adjournment is for more than

thirty days, or if after the adjournment a new record date is fixed for the adjourned meeting, a notice of the adjourned meeting shall be given to each stockholder entitled to vote at the meeting.

Section 5. *Voting.* Unless otherwise required by law, the Certificate of Incorporation or these By-Laws, any question brought before any meeting of stockholders shall be decided by the vote of the holders of a majority of the stock represented and entitled to vote thereat. Each stockholder represented at a meeting of stockholders shall be entitled to cast one vote for each share of the capital stock entitled to vote thereat held by such stockholder. Such votes may be cast in person or by proxy but no proxy shall be voted on or after three years from its date, unless such proxy provides for a longer period. The Board of Directors, in its discretion, or the officer of the Corporation presiding at a meeting of stockholders, in his discretion, may require that any votes cast at such meeting shall be cast by written ballot.

Section 6. *Consent of Stockholders in Lieu of Meeting.* Unless otherwise provided in the Certificate of Incorporation, any action required or permitted to be taken at any Annual or Special Meeting of Stockholders of the Corporation, may be taken without a meeting, without prior notice and without a vote, if a consent in writing, setting forth the action so taken, shall be signed by the holders of outstanding stock having not less than the minimum number of votes that would be necessary to authorize or take such action at a meeting at which all shares entitled to vote thereon were present and voted. Prompt notice of the taking of the corporate action without a meeting by less than unanimous written consent shall be given to those stockholders who have not consented in writing.

Section 7. *List of Stockholders Entitled to Vote.* The officer of the Corporation who has charge of the stock ledger of the Corporation shall prepare and make, at least ten days before every meeting of stockholders, a complete list of the stockholders entitled to vote at the meeting, arranged in alphabetical order, and showing the address of each stockholder and the number of shares registered in the name of each stockholder. Such list shall be open to the examination of any stockholder, for any purpose germane to the meeting, during ordinary business hours, for a period of at least ten days prior to the meeting, either at a place within the city where the meeting is to be held, which place shall be specified in the notice of the meeting, or, if not so specified, at the place where the meeting is to be held. The list shall also be produced and kept at the time and place of the meeting during the whole time thereof, and may be inspected by any stockholder of the Corporation who is present.

Section 8. *Stock Ledger.* The stock ledger of the Corporation shall be the only evidence as to who are the stockholders entitled to examine the stock ledger, the list required by Section 7 of this Article II or the books of the Corporation, or to vote in person or by proxy at any meeting of stockholders.

ARTICLE III

DIRECTORS

Section 1. *Number and Election of Directors.* The Board of Directors shall consist of not less than one nor more than fifteen members, the exact number of which shall initially be fixed by the Incorporator and thereafter from time to time by the Board of Directors. Except as provided in Section 2 of this Article, directors shall be elected by a plurality of the votes cast at Annual Meetings of Stockholders, and each director so elected shall hold office until the next Annual Meeting and until his successor is duly elected and qualified, or until his earlier resignation or removal. Any director may resign at any time upon notice to the Corporation. Directors need not be stockholders.

Section 2. *Vacancies.* Vacancies and newly created directorships resulting from any increase in the authorized number of directors may be filled by a majority of the directors then in office, though less than a quorum, or by a sole remaining director, and the directors so chosen shall hold office until

2

the next annual election and until their successors are duly elected and qualified, or until their earlier resignation or removal.

Section 3. *Duties and Powers.* The business of the Corporation shall be managed by or under the direction of the Board of Directors which may exercise all such powers of the Corporation and do all such lawful acts and things as are not by statute or by the Certificate of Incorporation or by these By-Laws directed or required to be exercised or done by the stockholders.

Section 4. *Meetings.* The Board of Directors of the Corporation may hold meetings, both regular and special, either within or without the State of Delaware. Regular meetings of the Board of Directors may be held without notice at such time and at such place as may from time to time be determined by the Board of Directors. Special meetings of the Board of Directors may be called by the Chairman, if there be one, the President, or any directors. Notice thereof stating the place, date and hour of the meeting shall be given to each director either by mail not less than forty-eight (48) hours before the date of the meeting, by telephone or telegram on twenty-four (24) hours' notice, or on such shorter notice as the person or persons calling such meeting may deem necessary or appropriate in the circumstances.

Section 5. *Quorum.* Except as may be otherwise specifically provided by law, the Certificate of Incorporation or these By-Laws, at all meetings of the Board of Directors, a majority of the entire Board of Directors shall constitute a quorum for the transaction of business and the act of a majority of the directors present at any meeting at which there is a quorum shall be the act of the Board of Directors. If a quorum shall not be present at any meeting of the Board of Directors, the directors present thereat may adjourn the meeting from time to time, without notice other than announcement at the meeting, until a quorum shall be present.

Section 6. *Actions of Board.* Unless otherwise provided by the Certificate of Incorporation or these By-Laws, any action required or permitted to be taken at any meeting of the Board of Directors or of any committee thereof may be taken without a meeting, if all the members of the Board of Directors or committee, as the case may be, consent thereto in writing, and the writing or writings are filed with the minutes of proceedings of the Board of Directors or committee.

Section 7. *Meetings by Means of Conference Telephone.* Unless otherwise provided by the Certificate of Incorporation or these By-Laws, members of the Board of Directors of the Corporation, or any committee designated by the Board of Directors, may participate in a meeting of the Board of Directors or such committee by means of a conference telephone or similar communications equipment by means of which all persons participating in the meeting can hear each other, and participation in a meeting pursuant to this Section 7 shall constitute presence in person at such meeting.

Section 8. *Committees.* The Board of Directors may, by resolution passed by a majority of the entire Board of Directors, designate one or more committees, each committee to consist of one or more of the directors of the Corporation. The Board of Directors may designate one or more directors as alternate members of any committee, who may replace any absent or disqualified member at any meeting of any such committee. In the absence or disqualification of a member of a committee, and in the absence of a designation by the Board of Directors of an alternate member to replace the absent or disqualified member, the member or members thereof present at any meeting and not disqualified from voting, whether or not he or they constitute a quorum, may unanimously appoint another member of the Board of Directors to act at the meeting in the place of any absent or disqualified member. Any committee, to the extent allowed by law and provided in the resolution establishing such committee, shall have and may exercise all the powers and authority of the Board of Directors in the management of the business and affairs of the Corporation. Each committee shall keep regular minutes and report to the Board of Directors when required.

3

Section 9. *Compensation.* The directors may be paid their expenses, if any, of attendance at each meeting of the Board of Directors and may be paid a fixed sum for attendance at each meeting of the Board of Directors or a stated salary as director. No such payment shall preclude any director from serving the Corporation in any other capacity and receiving compensation therefor. Members of special or standing committees may be allowed like compensation for attending committee meetings.

Section 10. *Interested Directors.* No contract or transaction between the Corporation and one or more of its directors or officers, or between the Corporation and any other corporation, partnership, association, or other organization in which one or more of its directors or officers are directors or officers, or have a financial interest, shall be void or voidable solely for this reason, or solely because the director or officer is present at or participates in the meeting of the Board of Directors or committee thereof which authorizes the contract or transaction, or solely because his or their votes are counted for such purpose if (i) the material facts as to his or their relationship or interest and as to the contract or transaction are disclosed or are known to the Board of Directors or the committee, and the Board of Directors or committee in good faith authorizes the contract or transaction by the affirmative votes of a majority of the disinterested directors, even though the disinterested directors be less than a quorum; or (ii) the material facts as to his or their relationship or interest and as to the contract or transaction are disclosed or are known to the stockholders entitled to vote thereon, and the contract or transaction is specifically approved in good faith by vote of the stockholders; or (iii) the contract or transaction is fair as to the Corporation as of the time it is authorized, approved or ratified, by the Board of Directors, a committee thereof or the stockholders. Common or interested directors may be counted in determining the presence of a quorum at a meeting of the Board of Directors or of a committee which authorizes the contract or transaction.

ARTICLE IV

OFFICERS

Section 1. *General.* The officers of the Corporation shall be chosen by the Board of Directors and shall be a President, a Secretary and a Treasurer. The Board of Directors, in its discretion, may also choose a Chairman of the Board of Directors (who must be a director) and one or more Vice Presidents, Assistant Secretaries, Assistant Treasurers and other officers. Any number of offices may be held by the same person, unless otherwise prohibited by law, the Certificate of Incorporation or these By-Laws. The officers of the Corporation need not be stockholders of the Corporation nor, except in the case of the Chairman of the Board of Directors, need such officers be directors of the Corporation.

Section 2. *Election.* The Board of Directors at its first meeting held after each Annual Meeting of Stockholders shall elect the officers of the Corporation who shall hold their offices for such terms and shall exercise such powers and perform such duties as shall be determined from time to time by the Board of Directors; and all officers of the Corporation shall hold office until their successors are chosen and qualified, or until their earlier resignation or removal. Any officer elected by the Board of Directors may be removed at any time by the affirmative vote of a majority of the Board of Directors. Any vacancy occurring in any office of the Corporation shall be filled by the Board of Directors. The salaries of all officers of the Corporation shall be fixed by the Board of Directors.

Section 3. *Voting Securities Owned by the Corporation.* Powers of attorney, proxies, waivers of notice of meeting, consents and other instruments relating to securities owned by the Corporation may be executed in the name of and on behalf of the Corporation by the President or any Vice President and any such officer may, in the name of and on behalf of the Corporation, take all such action as any such officer may deem advisable to vote in person or by proxy at any meeting of security holders of any corporation in which the Corporation may own securities and at any such meeting shall possess and may exercise any and all rights and power incident to the ownership of such securities and which, as

4

the owner thereof, the Corporation might have exercised and possessed if present. The Board of Directors may, by resolution, from time to time confer like powers upon any other person or persons.

Section 4. *Chairman of the Board of Directors.* The Chairman of the Board of Directors, if there be one, shall preside at all meetings of the stockholders and of the Board of Directors. He shall be the Chief Executive Officer of the Corporation, and except where by law the signature of the President is required, the Chairman of the Board of Directors shall possess the same power as the President to sign all contracts, certificates and other instruments of the Corporation which may be authorized by the Board of Directors. During the absence or disability of the President, the Chairman of the Board of Directors shall exercise all the powers and discharge all the duties of the President. The Chairman of the Board of Directors shall also perform such other duties and may exercise such other powers as from time to time may be assigned to him by these By-Laws or by the Board of Directors.

Section 5. *President.* The President shall, subject to the control of the Board of Directors and, if there be one, the Chairman of the Board of Directors, have general supervision of the business of the Corporation and shall see that all orders and resolutions of the Board of Directors are carried into effect. He shall execute all bonds, mortgages, contracts and other instruments of the Corporation requiring a seal, under the seal of the Corporation, except where required or permitted by law to be otherwise signed and executed and except that the other officers of the Corporation may sign and execute documents when so authorized by these By-Laws, the Board of Directors or the President. In the absence or disability of the Chairman of the Board of Directors, or if there be none, the President shall preside at all meetings of the stockholders and the Board of Directors. If there be no Chairman of the Board of Directors, the President shall be the Chief Executive Officer of the Corporation. The President shall also perform such other duties and may exercise such other powers as from time to time may be assigned to him by these By-Laws or by the Board of Directors.

Section 6. *Vice Presidents.* At the request of the President or in his absence or in the event of his inability or refusal to act (and if there be no Chairman of the Board of Directors), the Vice President or the Vice Presidents if there is more than one (in the order designated by the Board of Directors) shall perform the duties of the President, and when so acting, shall have all the powers of and be subject to all the restrictions upon the President. Each Vice President shall perform such other duties and have such other powers as the Board of Directors from time to time may prescribe. If there be no Chairman of the Board of Directors and no Vice President, the Board of Directors shall designate the officer of the Corporation who, in the absence of the President or in the event of the inability or refusal of the President to act, shall perform the duties of the President, and when so acting, shall have all the powers of and be subject to all the restrictions upon the President.

Section 7. *Secretary.* The Secretary shall attend all meetings of the Board of Directors and all meetings of stockholders and record all the proceedings thereat in a book or books to be kept for that purpose; the Secretary shall also perform like duties for the standing committees when required. The Secretary shall give, or cause to be given, notice of all meetings of the stockholders and special meetings of the Board of Directors, and shall perform such other duties as may be prescribed by the Board of Directors or President, under whose supervision he shall be. If the Secretary shall be unable or shall refuse to cause to be given notice of all meetings of the stockholders and special meetings of the Board of Directors, and if there be no Assistant Secretary, then either the Board of Directors or the President may choose another officer to cause such notice to be given. The Secretary shall have custody of the seal of the Corporation and the Secretary or any Assistant Secretary, if there be one, shall have authority to affix the same to any instrument requiring it and when so affixed, it may be attested by the signature of the Secretary or by the signature of any such Assistant Secretary. The Board of Directors may give general authority to any other officer to affix the seal of the Corporation and to attest the affixing by his signature. The Secretary shall see that all books, reports, statements, certificates and other documents and records required by law to be kept or filed are properly kept or filed, as the case may be.

5

Section 8. *Treasurer.* The Treasurer shall have the custody of the corporate funds and securities and shall keep full and accurate accounts of receipts and disbursements in books belonging to the Corporation and shall deposit all moneys and other valuable effects in the name and to the credit of the Corporation in such depositories as may be designated by the Board of Directors. The Treasurer shall disburse the funds of the Corporation as may be ordered by the Board of Directors, taking proper vouchers for such disbursements, and shall render to the President and the Board of Directors, at its regular meetings, or when the Board of Directors so requires, an account of all his transactions as Treasurer and of the financial condition of the Corporation. If required by the Board of Directors, the Treasurer shall give the Corporation a bond in such sum and with such surety or sureties as shall be satisfactory to the Board of Directors for the faithful performance of the duties of his office and for the restoration to the Corporation, in case of his death, resignation, retirement or removal from office, of all books, papers, vouchers, money and other property of whatever kind in his possession or under his control belonging to the Corporation.

Section 9. *Assistant Secretaries.* Except as may be otherwise provided in these By-Laws, Assistant Secretaries, if there be any, shall perform such duties and have such powers as from time to time may be assigned to them by the Board of Directors, the President, any Vice President, if there be one, or the Secretary, and in the absence of the Secretary or in the event of his disability or refusal to act, shall perform the duties of the Secretary, and when so acting, shall have all the powers of and be subject to all the restrictions upon the Secretary.

Section 10. *Assistant Treasurers.* Assistant Treasurers, if there be any, shall perform such duties and have such powers as from time to time may be assigned to them by the Board of Directors, the President, any Vice President, if there be one, or the Treasurer, and in the absence of the Treasurer or in the event of his disability or refusal to act, shall perform the duties of the Treasurer, and when so acting, shall have all the powers of and be subject to all the restrictions upon the Treasurer. If required by the Board of Directors, an Assistant Treasurer shall give the Corporation a bond in such sum and with such surety or sureties as shall be satisfactory to the Board of Directors for the faithful performance of the duties of his office and for the restoration to the Corporation, in case of his death, resignation, retirement or removal from office, of all books, papers, vouchers, money and other property of whatever kind in his possession or under his control belonging to the Corporation.

Section 11. *Other Officers.* Such other officers as the Board of Directors may choose shall perform such duties and have such powers as from time to time may be assigned to them by the Board of Directors. The Board of Directors may delegate to any other officer of the Corporation the power to choose such other officers and to prescribe their respective duties and powers.

ARTICLE V

STOCK

Section 1. *Form of Certificates.* Every holder of stock in the Corporation shall be entitled to have a certificate signed, in the name of the Corporation (i) by the Chairman of the Board of Directors, the President or a Vice President and (ii) by the Treasurer or an Assistant Treasurer, or the Secretary or an Assistant Secretary of the Corporation, certifying the number of shares owned by him in the Corporation.

Section 2. *Signatures.* Any or all of the signatures on a certificate may be a facsimile. In case any officer, transfer agent or registrar who has signed or whose facsimile signature has been placed upon a certificate shall have ceased to be such officer, transfer agent or registrar before such certificate is issued, it may be issued by the Corporation with the same effect as if he were such officer, transfer agent or registrar at the date of issue.

6

Section 3. *Lost Certificates.* The Board of Directors may direct a new certificate to be issued in place of any certificate theretofore issued by the Corporation alleged to have been lost, stolen or destroyed, upon the making of an affidavit of that fact by the person claiming the certificate of stock to be lost, stolen or destroyed. When authorizing such issue of a new certificate, the Board of Directors may, in its discretion and as a condition precedent to the issuance thereof, require the owner of such lost, stolen or destroyed certificate, or his legal representative, to advertise the same in such manner as the Board of Directors shall require and/or to give the Corporation a bond in such sum as it may direct as indemnity against any claim that may be made against the Corporation with respect to the certificate alleged to have been lost, stolen or destroyed.

Section 4. *Transfers.* Stock of the Corporation shall be transferable in the manner prescribed by law and in these By-Laws. Transfers of stock shall be made on the books of the Corporation only by the person named in the certificate or by his attorney lawfully constituted in writing and upon the surrender of the certificate therefor, which shall be cancelled before a new certificate shall be issued.

Section 5. *Record Date.* In order that the Corporation may determine the stockholders entitled to notice of or to vote at any meeting of stockholders or any adjournment thereof, or entitled to express consent to corporate action in writing without a meeting, or entitled to receive payment of any dividend or other distribution or allotment of any rights, or entitled to exercise any rights in respect of any change, conversion or exchange of stock, or for the purpose of any other lawful action, the Board of Directors may fix, in advance, a record date, which shall not be more than sixty days nor less than ten days before the date of such meeting, nor more than sixty days prior to any other action. A determination of stockholders of record entitled to notice of or to vote at a meeting of stockholders shall apply to any adjournment of the meeting; provided, however, that the Board of Directors may fix a new record date for the adjourned meeting.

Section 6. *Beneficial Owners.* The Corporation shall be entitled to recognize the exclusive right of a person registered on its books as the owner of shares to receive dividends, and to vote as such owner, and to hold liable for calls and assessments a person registered on its books as the owner of shares, and shall not be bound to recognize any equitable or other claim to or interest in such share or shares on the part of any other person, whether or not it shall have express or other notice thereof, except as otherwise provided by law.

ARTICLE VI

NOTICES

Section 1. *Notices.* Whenever written notice is required by law, the Certificate of Incorporation or these By-Laws, to be given to any director, member of a committee or stockholder, such notice may be given by mail, addressed to such director, member of a committee or stockholder, at his address as it appears on the records of the Corporation, with postage thereon prepaid, and such notice shall be deemed to be given at the time when the same shall be deposited in the United States mail. Written notice may also be given personally or by telegram, telex or cable.

Section 2. *Waivers of Notice.* Whenever any notice is required by law, the Certificate of Incorporation or these By-Laws, to be given to any director, member of a committee or stockholder, a waiver thereof in writing, signed, by the person or persons entitled to said notice, whether before or after the time stated therein, shall be deemed equivalent thereto.

ARTICLE VII

GENERAL PROVISIONS

Section 1. *Dividends.* Dividends upon the capital stock of the Corporation, subject to the provisions of the Certificate of Incorporation, if any, may be declared by the Board of Directors at any

7

regular or special meeting, and may be paid in cash, in property, or in shares of the capital stock. Before payment of any dividend, there may be set aside out of any funds of the Corporation available for dividends such sum or sums as the Board of Directors from time to time, in its absolute discretion, deems proper as a reserve or reserves to meet contingencies, or for equalizing dividends, or for repairing or maintaining any property of the Corporation, or for any proper purpose, and the Board of Directors may modify or abolish any such reserve.

Section 2. *Disbursements.* All checks or demands for money and notes of the Corporation shall be signed by such officer or officers or such other person or persons as the Board of Directors may from time to time designate.

Section 3. *Fiscal Year.* The fiscal year of the Corporation shall be fixed by resolution of the Board of Directors.

Section 4. *Corporate Seal.* The corporate seal shall have inscribed thereon the name of the Corporation, the year of its organization and the words "Corporate Seal, Delaware". The seal may be used by causing it or a facsimile thereof to be impressed or affixed or reproduced or otherwise.

ARTICLE VIII

INDEMNIFICATION

Section 1. *Power to Indemnify in Actions, Suits or Proceedings other Than Those by or in the Right of the Corporation.* Subject to Section 3 of this Article VIII, the Corporation shall indemnify any person who was or is a party or is threatened to be made a party to any threatened, pending or completed action, suit or proceeding, whether civil, criminal, administrative or investigative (other than an action by or in the right of the Corporation) by reason of the fact that he is or was a director or officer of the Corporation, or is or was a director or officer of the Corporation serving at the request of the Corporation as a director or officer, employee or agent of another corporation, partnership, joint venture, trust, employee benefit plan or other enterprise, against expenses (including attorneys' fees), judgments, fines and amounts paid in settlement actually and reasonably incurred by him in connection with such action, suit or proceeding if he acted in good faith and in a manner he reasonably believed to be in or not opposed to the best interests of the Corporation, and, with respect to any criminal action or proceeding, had no reasonable cause to believe his conduct was unlawful. The termination of any action, suit or proceeding by judgment, order, settlement, conviction, or upon a plea of nolo contendere or its equivalent, shall not, of itself, create a presumption that the person did not act in good faith and in a manner which he reasonably believed to be in or not opposed to the best interests of the Corporation, and, with respect to any criminal action or proceeding, had reasonable cause to believe that his conduct was unlawful.

Section 2. *Power to Indemnify in Actions, Suits or Proceedings by or in the Right of the Corporation.* Subject to Section 3 of this Article VIII, the Corporation shall indemnify any person who was or is a party or is threatened to be made a party to any threatened, pending or completed action or suit by or in the right of the Corporation to procure a judgment in its favor by reason of the fact that he is or was a director or officer of the Corporation, or is or was a director or officer of the Corporation serving at the request of the Corporation as a director, officer, employee or agent of another corporation, partnership, joint venture, trust, employee benefit plan or other enterprise against expenses (including attorneys' fees) actually and reasonably incurred by him in connection with the defense or settlement of such action or suit if he acted in good faith and in a manner he reasonably believed to be in or not opposed to the best interests of the Corporation; except that no indemnification shall be made in respect of any claim, issue or matter as to which such person shall have been adjudged to be liable to the Corporation unless and only to the extent that the Court of Chancery or the court in which such action or suit was brought shall determine upon application that, despite the adjudication of liability but in view of all the circumstances of the case, such person is fairly

8

and reasonably entitled to indemnify for such expenses which the Court of Chancery or such other court shall deem proper.

Section 3. *Authorization of Indemnification.* Any indemnification under this Article VIII (unless ordered by a court) shall be made by the Corporation only as authorized in the specific case upon a determination that indemnification of the director or officer is proper in the circumstances because he has met the applicable standard of conduct set forth in Section 1 or Section 2 of this Article VIII, as the case may be. Such determination shall be made (i) by the Board of Directors by a majority vote of a quorum consisting of directors who were not parties to such action, suit or proceeding, or (ii) if such a quorum is not obtainable, or, even if obtainable a quorum of disinterested directors so directs, by independent legal counsel in a written opinion, or (iii) by the stockholders. To the extent, however, that a director or officer of the Corporation has been successful on the merits or otherwise in defense of any action, suit or proceeding described above, or in defense of any claim, issue or matter therein, he shall be indemnified against expenses (including attorneys' fees) actually and reasonably incurred by him in connection therewith, without the necessity of authorization in the specific case.

Section 4. *Good Faith Defined.* For purposes of any determination under Section 3 of this Article VIII, a person shall be deemed to have acted in good faith and in a manner he reasonably believed to be in or not opposed to the best interests of the Corporation, or, with respect to any criminal action or proceeding, to have had no reasonable cause to believe his conduct was unlawful, if his action is based on the records or books of account of the Corporation or another enterprise, or on information supplied to him by the officers of the Corporation or another enterprise in the course of their duties, or on the advice of legal counsel for the Corporation or another enterprise or on information or records given or reports made to the Corporation or another enterprise by an independent certified public accountant or by an appraiser or other expert selected with reasonable care by the Corporation or another enterprise. The term "another enterprise" as used in this Section 4 shall mean any other corporation or any partnership, joint venture, trust, employee benefit plan or other enterprise of which such person is or was serving at the request of the Corporation as a director, officer, employee or agent. The provisions of this Section 4 shall not be deemed to be exclusive or to limit in any way the circumstances in which a person may be deemed to have met the applicable standard of conduct set forth in Sections 1 or 2 of this Article VIII, as the case may be.

Section 5. *Indemnification by a Court.* Notwithstanding any contrary determination in the specific case under Section 3 of this Article VIII, and notwithstanding the absence of any determination thereunder, any director or officer may apply to any court of competent jurisdiction in the State of Delaware for indemnification to the extent otherwise permissible under Sections 1 and 2 of this Article VIII. The basis of such indemnification by a court shall be a determination by such court that indemnification of the director or officer is proper in the circumstances because he has met the applicable standards of conduct set forth in Sections 1 or 2 of this Article VIII, as the case may be. Neither a contrary determination in the specific case under Section 3 of this Article VIII nor the absence of any determination thereunder shall be a defense to such application or create a presumption that the director or officer seeking indemnification has not met any applicable standard of conduct. Notice of any application for indemnification pursuant to this Section 5 shall be given to the Corporation promptly upon the filing of such application. If successful, in whole or in part, the director or officer seeking indemnification shall also be entitled to be paid the expense of prosecuting such application.

Section 6. *Expenses Payable in Advance.* Expenses incurred by a director or officer in defending or investigating a threatened or pending action, suit or proceeding shall be paid by the Corporation in advance of the final disposition of such action, suit or proceeding upon receipt of an undertaking by or on behalf of such director or officer to repay such amount if it shall ultimately be determined that he is not entitled to be indemnified by the Corporation as authorized in this Article VIII.

9

Section 7. *Nonexclusivity of Indemnification and Advancement of Expenses.* The indemnification and advancement of expenses provided by or granted pursuant to this Article VIII shall not be deemed exclusive of any other rights to which those seeking indemnification or advancement of expenses may be entitled under any By-Law, agreement, contract, vote of stockholders or disinterested directors or pursuant to the direction (howsoever embodied) of any court of competent jurisdiction or otherwise, both as to action in his official capacity and as to action in another capacity while holding such office, it being the policy of the Corporation that indemnification of the persons specified in Sections 1 and 2 of this Article VIII shall be made to the fullest extent permitted by law. The provisions of this Article VIII shall not be deemed to preclude the indemnification of any person who is not specified in Sections 1 or 2 of this Article VIII but whom the Corporation has the power or obligation to indemnify under the provisions of the General Corporation Law of the State of Delaware, or otherwise.

Section 8. *Insurance.* The Corporation may purchase and maintain insurance on behalf of any person who is or was a director or officer of the Corporation, or is or was a director or officer of the Corporation serving at the request of the Corporation as a director, officer, employee or agent of another corporation, partnership, joint venture, trust, employee benefit plan or other enterprise against any liability asserted against him and incurred by him in any such capacity, or arising out of his status as such, whether or not the Corporation would have the power or the obligation to indemnify him against such liability under the provisions of this Article VIII.

Section 9. *Certain Definitions.* For purposes of this Article VIII, references to "the Corporation" shall include, in addition to the resulting corporation, any constituent corporation (including any constituent of a constituent) absorbed in a consolidation or merger which, if its separate existence had continued, would have had power and authority to indemnify its directors or officers, so that any person who is or was a director or officer of such constituent corporation, or is or was a director or officer of such constituent corporation serving at the request of such constituent corporation as a director, officer, employee or agent of another corporation, partnership, joint venture, trust, employee benefit plan or other enterprise, shall stand in the same position under the provisions of this Article VIII with respect to the resulting or surviving corporation as he would have with respect to such constituent corporation if its separate existence had continued. For purposes of this Article VIII, references to "fines" shall include any excise taxes assessed on a person with respect to an employee benefit plan; and references to "serving at the request of the Corporation" shall include any service as a director, officer, employee or agent of the Corporation which imposes duties on, or involves services by, such director or officer with respect to an employee benefit plan, its participants or beneficiaries; and a person who acted in good faith and in a manner he reasonably believed to be in the interest of the participants and beneficiaries of an employee benefit plan shall be deemed to have acted in a manner "not opposed to the best interests of the Corporation" as referred to in this Article VIII.

Section 10. *Survival of Indemnification and Advancement of Expenses.* The indemnification and advancement of expenses provided by, or granted pursuant to, this Article VIII shall, unless otherwise provided when authorized or ratified, continue as to a person who has ceased to be a director or officer and shall inure to the benefit of the heirs, executors and administrators of such a person.

Section 11. *Limitation on Indemnification.* Notwithstanding anything contained in this Article VIII to the contrary, except for proceedings to enforce rights to indemnification (which shall be governed by Section 5 hereof), the Corporation shall not be obligated to indemnify any director or officer in connection with a proceeding (or part thereof) initiated by such person unless such proceeding (or part thereof) was authorized or consented to by the Board of Directors of the Corporation.

Section 12. *Indemnification of Employees and Agents.* The Corporation may, to the extent authorized from time to time by the Board of Directors, provide rights to indemnification and to the

10

advancement of expenses to employees and agents of the Corporation similar to those conferred in this Article VIII to directors and officers of the Corporation.

ARTICLE IX

AMENDMENTS

Section 1. These By-Laws may be altered, amended or repealed, in whole or in part, or new By-Laws may be adopted by the stockholders or by the Board of Directors, provided, however, that notice of such alteration, amendment, repeal or adoption of new By-Laws be contained in the notice of such meeting of stockholders or Board of Directors as the case may be. All such amendments must be approved by either the holders of a majority of the outstanding capital stock entitled to vote thereon or by a majority of the entire Board of Directors then in office.

Section 2. *Entire Board of Directors.* As used in this Article IX and in these By-Laws generally, the term "entire Board of Directors" means the total number of directors which the Corporation would have if there were no vacancies.

11

QuickLinks

[Exhibit 3.18](#)

[BY-LAWS OF BG HOLDINGS I, INC. \(hereinafter called the "Corporation"\)](#)

[ARTICLE I OFFICES](#)

[ARTICLE II MEETINGS OF STOCKHOLDERS](#)

[ARTICLE III DIRECTORS](#)

[ARTICLE IV OFFICERS](#)

[ARTICLE V STOCK](#)

[ARTICLE VI NOTICES](#)

[ARTICLE VII GENERAL PROVISIONS](#)

[ARTICLE VIII INDEMNIFICATION](#)

[ARTICLE IX AMENDMENTS](#)

BY-LAWS

OF

BG HOLDINGS II, INC.

(hereinafter called the "Corporation")

ARTICLE I

OFFICES

Section 1. *Registered Office.* The registered office of the Corporation shall be in the City of Wilmington, County of New Castle, State of Delaware.

Section 2. *Other Offices.* The Corporation may also have offices at such other places both within and without the State of Delaware as the Board of Directors may from time to time determine.

ARTICLE II

MEETINGS OF STOCKHOLDERS

Section 1. *Place of Meetings.* Meetings of the stockholders for the election of directors or for any other purpose shall be held at such time and place, either within or without the State of Delaware as shall be designated from time to time by the Board of Directors and stated in the notice of the meeting or in a duly executed waiver of notice thereof.

Section 2. *Annual Meetings.* The Annual Meetings of Stockholders shall be held on such date and at such time as shall be designated from time to time by the Board of Directors and stated in the notice of the meeting, at which meetings the stockholders shall elect by a plurality vote a Board of Directors, and transact such other business as may properly be brought before the meeting. Written notice of the Annual Meeting stating the place, date and hour of the meeting shall be given to each stockholder entitled to vote at such meeting not less than ten nor more than sixty days before the date of the meeting.

Section 3. *Special Meetings.* Unless otherwise prescribed by law or by the Certificate of Incorporation, Special Meetings of Stockholders, for any purpose or purposes, may be called by either (i) the Chairman, if there be one, or (ii) the President, (iii) any Vice President, if there be one, (iv) the Secretary or (v) any Assistant Secretary, if there be one, and shall be called by any such officer at the request in writing of a majority of the Board of Directors or at the request in writing of stockholders owning a majority of the capital stock of the Corporation issued and outstanding and entitled to vote. Such request shall state the purpose or purposes of the proposed meeting. Written notice of a Special Meeting stating the place, date and hour of the meeting and the purpose or purposes for which the meeting is called shall be given not less than ten nor more than sixty days before the date of the meeting to each stockholder entitled to vote at such meeting.

Section 4. *Quorum.* Except as otherwise provided by law or by the Certificate of Incorporation, the holders of a majority of the capital stock issued and outstanding and entitled to vote thereat, present in person or represented by proxy, shall constitute a quorum at all meetings of the stockholders for the transaction of business. If, however, such quorum shall not be present or represented at any meeting of the stockholders, the stockholders entitled to vote thereat, present in person or represented by proxy, shall have power to adjourn the meeting from time to time, without notice other than announcement at the meeting, until a quorum shall be present or represented. At such adjourned meeting at which a quorum shall be present or represented, any business may be transacted which might have been transacted at the meeting as originally noticed. If the adjournment is for more than

thirty days, or if after the adjournment a new record date is fixed for the adjourned meeting, a notice of the adjourned meeting shall be given to each stockholder entitled to vote at the meeting.

Section 5. *Voting.* Unless otherwise required by law, the Certificate of Incorporation or these By-Laws, any question brought before any meeting of stockholders shall be decided by the vote of the holders of a majority of the stock represented and entitled to vote thereat. Each stockholder represented at a meeting of stockholders shall be entitled to cast one vote for each share of the capital stock entitled to vote thereat held by such stockholder. Such votes may be cast in person or by proxy but no proxy shall be voted on or after three years from its date, unless such proxy provides for a longer period. The Board of Directors, in its discretion, or the officer of the Corporation presiding at a meeting of stockholders, in his discretion, may require that any votes cast at such meeting shall be cast by written ballot.

Section 6. *Consent of Stockholders in Lieu of Meeting.* Unless otherwise provided in the Certificate of Incorporation, any action required or permitted to be taken at any Annual or Special Meeting of Stockholders of the Corporation, may be taken without a meeting, without prior notice and without a vote, if a consent in writing, setting forth the action so taken, shall be signed by the holders of outstanding stock having not less than the minimum number of votes that would be necessary to authorize or take such action at a meeting at which all shares entitled to vote thereon were present and voted. Prompt notice of the taking of the corporate action without a meeting by less than unanimous written consent shall be given to those stockholders who have not consented in writing.

Section 7. *List of Stockholders Entitled to Vote.* The officer of the Corporation who has charge of the stock ledger of the Corporation shall prepare and make, at least ten days before every meeting of stockholders, a complete list of the stockholders entitled to vote at the meeting, arranged in alphabetical order, and showing the address of each stockholder and the number of shares registered in the name of each stockholder. Such list shall be open to the examination of any stockholder, for any purpose germane to the meeting, during ordinary business hours, for a period of at least ten days prior to the meeting, either at a place within the city where the meeting is to be held, which place shall be specified in the notice of the meeting, or, if not so specified, at the place where the meeting is to be held. The list shall also be produced and kept at the time and place of the meeting during the whole time thereof, and may be inspected by any stockholder of the Corporation who is present.

Section 8. *Stock Ledger.* The stock ledger of the Corporation shall be the only evidence as to who are the stockholders entitled to examine the stock ledger, the list required by Section 7 of this Article II or the books of the Corporation, or to vote in person or by proxy at any meeting of stockholders.

ARTICLE III

DIRECTORS

Section 1. *Number and Election of Directors.* The Board of Directors shall consist of not less than one nor more than fifteen members, the exact number of which shall initially be fixed by the Incorporator and thereafter from time to time by the Board of Directors. Except as provided in Section 2 of this Article, directors shall be elected by a plurality of the votes cast at Annual Meetings of Stockholders, and each director so elected shall hold office until the next Annual Meeting and until his successor is duly elected and qualified, or until his earlier resignation or removal. Any director may resign at any time upon notice to the Corporation. Directors need not be stockholders.

Section 2. *Vacancies.* Vacancies and newly created directorships resulting from any increase in the authorized number of directors may be filled by a majority of the directors then in office, though less than a quorum, or by a sole remaining director, and the directors so chosen shall hold office until

2

the next annual election and until their successors are duly elected and qualified, or until their earlier resignation or removal.

Section 3. *Duties and Powers.* The business of the Corporation shall be managed by or under the direction of the Board of Directors which may exercise all such powers of the Corporation and do all such lawful acts and things as are not by statute or by the Certificate of Incorporation or by these By-Laws directed or required to be exercised or done by the stockholders.

Section 4. *Meetings.* The Board of Directors of the Corporation may hold meetings, both regular and special, either within or without the State of Delaware. Regular meetings of the Board of Directors may be held without notice at such time and at such place as may from time to time be determined by the Board of Directors. Special meetings of the Board of Directors may be called by the Chairman, if there be one, the President, or any directors. Notice thereof stating the place, date and hour of the meeting shall be given to each director either by mail not less than forty-eight (48) hours before the date of the meeting, by telephone or telegram on twenty-four (24) hours' notice, or on such shorter notice as the person or persons calling such meeting may deem necessary or appropriate in the circumstances.

Section 5. *Quorum.* Except as may be otherwise specifically provided by law, the Certificate of Incorporation or these By-Laws, at all meetings of the Board of Directors, a majority of the entire Board of Directors shall constitute a quorum for the transaction of business and the act of a majority of the directors present at any meeting at which there is a quorum shall be the act of the Board of Directors. If a quorum shall not be present at any meeting of the Board of Directors, the directors present thereat may adjourn the meeting from time to time, without notice other than announcement at the meeting, until a quorum shall be present.

Section 6. *Actions of Board.* Unless otherwise provided by the Certificate of Incorporation or these By-Laws, any action required or permitted to be taken at any meeting of the Board of Directors or of any committee thereof may be taken without a meeting, if all the members of the Board of Directors or committee, as the case may be, consent thereto in writing, and the writing or writings are filed with the minutes of proceedings of the Board of Directors or committee.

Section 7. *Meetings by Means of Conference Telephone.* Unless otherwise provided by the Certificate of Incorporation or these By-Laws, members of the Board of Directors of the Corporation, or any committee designated by the Board of Directors, may participate in a meeting of the Board of Directors or such committee by means of a conference telephone or similar communications equipment by means of which all persons participating in the meeting can hear each other, and participation in a meeting pursuant to this Section 7 shall constitute presence in person at such meeting.

Section 8. *Committees.* The Board of Directors may, by resolution passed by a majority of the entire Board of Directors, designate one or more committees, each committee to consist of one or more of the directors of the Corporation. The Board of Directors may designate one or more directors as alternate members of any committee, who may replace any absent or disqualified member at any meeting of any such committee. In the absence or disqualification of a member of a committee, and in the absence of a designation by the Board of Directors of an alternate member to replace the absent or disqualified member, the member or members thereof present at any meeting and not disqualified from voting, whether or not he or they constitute a quorum, may unanimously appoint another member of the Board of Directors to act at the meeting in the place of any absent or disqualified member. Any committee, to the extent allowed by law and provided in the resolution establishing such committee, shall have and may exercise all the powers and authority of the Board of Directors in the management of the business and affairs of the Corporation. Each committee shall keep regular minutes and report to the Board of Directors when required.

3

Section 9. *Compensation.* The directors may be paid their expenses, if any, of attendance at each meeting of the Board of Directors and may be paid a fixed sum for attendance at each meeting of the Board of Directors or a stated salary as director. No such payment shall preclude any director from serving the Corporation in any other capacity and receiving compensation therefor. Members of special or standing committees may be allowed like compensation for attending committee meetings.

Section 10. *Interested Directors.* No contract or transaction between the Corporation and one or more of its directors or officers, or between the Corporation and any other corporation, partnership, association, or other organization in which one or more of its directors or officers are directors or officers, or have a financial interest, shall be void or voidable solely for this reason, or solely because the director or officer is present at or participates in the meeting of the Board of Directors or committee thereof which authorizes the contract or transaction, or solely because his or their votes are counted for such purpose if (i) the material facts as to his or their relationship or interest and as to the contract or transaction are disclosed or are known to the Board of Directors or the committee, and the Board of Directors or committee in good faith authorizes the contract or transaction by the affirmative votes of a majority of the disinterested directors, even though the disinterested directors be less than a quorum; or (ii) the material facts as to his or their relationship or interest and as to the contract or transaction are disclosed or are known to the stockholders entitled to vote thereon, and the contract or transaction is specifically approved in good faith by vote of the stockholders; or (iii) the contract or transaction is fair as to the Corporation as of the time it is authorized, approved or ratified, by the Board of Directors, a committee thereof or the stockholders. Common or interested directors may be counted in determining the presence of a quorum at a meeting of the Board of Directors or of a committee which authorizes the contract or transaction.

ARTICLE IV

OFFICERS

Section 1. *General.* The officers of the Corporation shall be chosen by the Board of Directors and shall be a President, a Secretary and a Treasurer. The Board of Directors, in its discretion, may also choose a Chairman of the Board of Directors (who must be a director) and one or more Vice Presidents, Assistant Secretaries, Assistant Treasurers and other officers. Any number of offices may be held by the same person, unless otherwise prohibited by law, the Certificate of Incorporation or these By-Laws. The officers of the Corporation need not be stockholders of the Corporation nor, except in the case of the Chairman of the Board of Directors, need such officers be directors of the Corporation.

Section 2. *Election.* The Board of Directors at its first meeting held after each Annual Meeting of Stockholders shall elect the officers of the Corporation who shall hold their offices for such terms and shall exercise such powers and perform such duties as shall be determined from time to time by the Board of Directors; and all officers of the Corporation shall hold office until their successors are chosen and qualified, or until their earlier resignation or removal. Any officer elected by the Board of Directors may be removed at any time by the affirmative vote of a majority of the Board of Directors. Any vacancy occurring in any office of the Corporation shall be filled by the Board of Directors. The salaries of all officers of the Corporation shall be fixed by the Board of Directors.

Section 3. *Voting Securities Owned by the Corporation.* Powers of attorney, proxies, waivers of notice of meeting, consents and other instruments relating to securities owned by the Corporation may be executed in the name of and on behalf of the Corporation by the President or any Vice President and any such officer may, in the name of and on behalf of the Corporation, take all such action as any such officer may deem advisable to vote in person or by proxy at any meeting of security holders of any corporation in which the Corporation may own securities and at any such meeting shall possess and may exercise any and all rights and power incident to the ownership of such securities and which, as

4

the owner thereof, the Corporation might have exercised and possessed if present. The Board of Directors may, by resolution, from time to time confer like powers upon any other person or persons.

Section 4. *Chairman of the Board of Directors.* The Chairman of the Board of Directors, if there be one, shall preside at all meetings of the stockholders and of the Board of Directors. He shall be the Chief Executive Officer of the Corporation, and except where by law the signature of the President is required, the Chairman of the Board of Directors shall possess the same power as the President to sign all contracts, certificates and other instruments of the Corporation which may be authorized by the Board of Directors. During the absence or disability of the President, the Chairman of the Board of Directors shall exercise all the powers and discharge all the duties of the President. The Chairman of the Board of Directors shall also perform such other duties and may exercise such other powers as from time to time may be assigned to him by these By-Laws or by the Board of Directors.

Section 5. *President.* The President shall, subject to the control of the Board of Directors and, if there be one, the Chairman of the Board of Directors, have general supervision of the business of the Corporation and shall see that all orders and resolutions of the Board of Directors are carried into effect. He shall execute all bonds, mortgages, contracts and other instruments of the Corporation requiring a seal, under the seal of the Corporation, except where required or permitted by law to be otherwise signed and executed and except that the other officers of the Corporation may sign and execute documents when so authorized by these By-Laws, the Board of Directors or the President. In the absence or disability of the Chairman of the Board of Directors, or if there be none, the President shall preside at all meetings of the stockholders and the Board of Directors. If there be no Chairman of the Board of Directors, the President shall be the Chief Executive Officer of the Corporation. The President shall also perform such other duties and may exercise such other powers as from time to time may be assigned to him by these By-Laws or by the Board of Directors.

Section 6. *Vice Presidents.* At the request of the President or in his absence or in the event of his inability or refusal to act (and if there be no Chairman of the Board of Directors), the Vice President or the Vice Presidents if there is more than one (in the order designated by the Board of Directors) shall perform the duties of the President, and when so acting, shall have all the powers of and be subject to all the restrictions upon the President. Each Vice President shall perform such other duties and have such other powers as the Board of Directors from time to time may prescribe. If there be no Chairman of the Board of Directors and no Vice President, the Board of Directors shall designate the officer of the Corporation who, in the absence of the President or in the event of the inability or refusal of the President to act, shall perform the duties of the President, and when so acting, shall have all the powers of and be subject to all the restrictions upon the President.

Section 7. *Secretary.* The Secretary shall attend all meetings of the Board of Directors and all meetings of stockholders and record all the proceedings thereat in a book or books to be kept for that purpose; the Secretary shall also perform like duties for the standing committees when required. The Secretary shall give, or cause to be given, notice of all meetings of the stockholders and special meetings of the Board of Directors, and shall perform such other duties as may be prescribed by the Board of Directors or President, under whose supervision he shall be. If the Secretary shall be unable or shall refuse to cause to be given notice of all meetings of the stockholders and special meetings of the Board of Directors, and if there be no Assistant Secretary, then either the Board of Directors or the President may choose another officer to cause such notice to be given. The Secretary shall have custody of the seal of the Corporation and the Secretary or any Assistant Secretary, if there be one, shall have authority to affix the same to any instrument requiring it and when so affixed, it may be attested by the signature of the Secretary or by the signature of any such Assistant Secretary. The Board of Directors may give general authority to any other officer to affix the seal of the Corporation and to attest the affixing by his signature. The Secretary shall see that all books, reports, statements, certificates and other documents and records required by law to be kept or filed are properly kept or filed, as the case may be.

5

Section 8. *Treasurer.* The Treasurer shall have the custody of the corporate funds and securities and shall keep full and accurate accounts of receipts and disbursements in books belonging to the Corporation and shall deposit all moneys and other valuable effects in the name and to the credit of the Corporation in such depositories as may be designated by the Board of Directors. The Treasurer shall disburse the funds of the Corporation as may be ordered by the Board of Directors, taking proper vouchers for such disbursements, and shall render to the President and the Board of Directors, at its regular meetings, or when the Board of Directors so requires, an account of all his transactions as Treasurer and of the financial condition of the Corporation. If required by the Board of Directors, the Treasurer shall give the Corporation a bond in such sum and with such surety or sureties as shall be satisfactory to the Board of Directors for the faithful performance of the duties of his office and for the restoration to the Corporation, in case of his death, resignation, retirement or removal from office, of all books, papers, vouchers, money and other property of whatever kind in his possession or under his control belonging to the Corporation.

Section 9. *Assistant Secretaries.* Except as may be otherwise provided in these By-Laws, Assistant Secretaries, if there be any, shall perform such duties and have such powers as from time to time may be assigned to them by the Board of Directors, the President, any Vice President, if there be one, or the Secretary, and in the absence of the Secretary or in the event of his disability or refusal to act, shall perform the duties of the Secretary, and when so acting, shall have all the powers of and be subject to all the restrictions upon the Secretary.

Section 10. *Assistant Treasurers.* Assistant Treasurers, if there be any, shall perform such duties and have such powers as from time to time may be assigned to them by the Board of Directors, the President, any Vice President, if there be one, or the Treasurer, and in the absence of the Treasurer or in the event of his disability or refusal to act, shall perform the duties of the Treasurer, and when so acting, shall have all the powers of and be subject to all the restrictions upon the Treasurer. If required by the Board of Directors, an Assistant Treasurer shall give the Corporation a bond in such sum and with such surety or sureties as shall be satisfactory to the Board of Directors for the faithful performance of the duties of his office and for the restoration to the Corporation, in case of his death, resignation, retirement or removal from office, of all books, papers, vouchers, money and other property of whatever kind in his possession or under his control belonging to the Corporation.

Section 11. *Other Officers.* Such other officers as the Board of Directors may choose shall perform such duties and have such powers as from time to time may be assigned to them by the Board of Directors. The Board of Directors may delegate to any other officer of the Corporation the power to choose such other officers and to prescribe their respective duties and powers.

ARTICLE V

STOCK

Section 1. *Form of Certificates.* Every holder of stock in the Corporation shall be entitled to have a certificate signed, in the name of the Corporation (i) by the Chairman of the Board of Directors, the President or a Vice President and (ii) by the Treasurer or an Assistant Treasurer, or the Secretary or an Assistant Secretary of the Corporation, certifying the number of shares owned by him in the Corporation.

Section 2. *Signatures.* Any or all of the signatures on a certificate may be a facsimile. In case any officer, transfer agent or registrar who has signed or whose facsimile signature has been placed upon a certificate shall have ceased to be such officer, transfer agent or registrar before such certificate is issued, it may be issued by the Corporation with the same effect as if he were such officer, transfer agent or registrar at the date of issue.

6

Section 3. *Lost Certificates.* The Board of Directors may direct a new certificate to be issued in place of any certificate theretofore issued by the Corporation alleged to have been lost, stolen or destroyed, upon the making of an affidavit of that fact by the person claiming the certificate of stock to be lost, stolen or destroyed. When authorizing such issue of a new certificate, the Board of Directors may, in its discretion and as a condition precedent to the issuance thereof, require the owner of such lost, stolen or destroyed certificate, or his legal representative, to advertise the same in such manner as the Board of Directors shall require and/or to give the Corporation a bond in such sum as it may direct as indemnity against any claim that may be made against the Corporation with respect to the certificate alleged to have been lost, stolen or destroyed.

Section 4. *Transfers.* Stock of the Corporation shall be transferable in the manner prescribed by law and in these By-Laws. Transfers of stock shall be made on the books of the Corporation only by the person named in the certificate or by his attorney lawfully constituted in writing and upon the surrender of the certificate therefor, which shall be cancelled before a new certificate shall be issued.

Section 5. *Record Date.* In order that the Corporation may determine the stockholders entitled to notice of or to vote at any meeting of stockholders or any adjournment thereof, or entitled to express consent to corporate action in writing without a meeting, or entitled to receive payment of any dividend or other distribution or allotment of any rights, or entitled to exercise any rights in respect of any change, conversion or exchange of stock, or for the purpose of any other lawful action, the Board of Directors may fix, in advance, a record date, which shall not be more than sixty days nor less than ten days before the date of such meeting, nor more than sixty days prior to any other action. A determination of stockholders of record entitled to notice of or to vote at a meeting of stockholders shall apply to any adjournment of the meeting; provided, however, that the Board of Directors may fix a new record date for the adjourned meeting.

Section 6. *Beneficial Owners.* The Corporation shall be entitled to recognize the exclusive right of a person registered on its books as the owner of shares to receive dividends, and to vote as such owner, and to hold liable for calls and assessments a person registered on its books as the owner of shares, and shall not be bound to recognize any equitable or other claim to or interest in such share or shares on the part of any other person, whether or not it shall have express or other notice thereof, except as otherwise provided by law.

ARTICLE VI

NOTICES

Section 1. *Notices.* Whenever written notice is required by law, the Certificate of Incorporation or these By-Laws, to be given to any director, member of a committee or stockholder, such notice may be given by mail, addressed to such director, member of a committee or stockholder, at his address as it appears on the records of the Corporation, with postage thereon prepaid, and such notice shall be deemed to be given at the time when the same shall be deposited in the United States mail. Written notice may also be given personally or by telegram, telex or cable.

Section 2. *Waivers of Notice.* Whenever any notice is required by law, the Certificate of Incorporation or these By-Laws, to be given to any director, member of a committee or stockholder, a waiver thereof in writing, signed, by the person or persons entitled to said notice, whether before or after the time stated therein, shall be deemed equivalent thereto.

ARTICLE VII

GENERAL PROVISIONS

Section 1. *Dividends.* Dividends upon the capital stock of the Corporation, subject to the provisions of the Certificate of Incorporation, if any, may be declared by the Board of Directors at any

7

regular or special meeting, and may be paid in cash, in property, or in shares of the capital stock. Before payment of any dividend, there may be set aside out of any funds of the Corporation available for dividends such sum or sums as the Board of Directors from time to time, in its absolute discretion, deems proper as a reserve or reserves to meet contingencies, or for equalizing dividends, or for repairing or maintaining any property of the Corporation, or for any proper purpose, and the Board of Directors may modify or abolish any such reserve.

Section 2. *Disbursements.* All checks or demands for money and notes of the Corporation shall be signed by such officer or officers or such other person or persons as the Board of Directors may from time to time designate.

Section 3. *Fiscal Year.* The fiscal year of the Corporation shall be fixed by resolution of the Board of Directors.

Section 4. *Corporate Seal.* The corporate seal shall have inscribed thereon the name of the Corporation, the year of its organization and the words "Corporate Seal, Delaware". The seal may be used by causing it or a facsimile thereof to be impressed or affixed or reproduced or otherwise.

ARTICLE VIII

INDEMNIFICATION

Section 1. *Power to Indemnify in Actions, Suits or Proceedings other Than Those by or in the Right of the Corporation.* Subject to Section 3 of this Article VIII, the Corporation shall indemnify any person who was or is a party or is threatened to be made a party to any threatened, pending or completed action, suit or proceeding, whether civil, criminal, administrative or investigative (other than an action by or in the right of the Corporation) by reason of the fact that he is or was a director or officer of the Corporation, or is or was a director or officer of the Corporation serving at the request of the Corporation as a director or officer, employee or agent of another corporation, partnership, joint venture, trust, employee benefit plan or other enterprise, against expenses (including attorneys' fees), judgments, fines and amounts paid in settlement actually and reasonably incurred by him in connection with such action, suit or proceeding if he acted in good faith and in a manner he reasonably believed to be in or not opposed to the best interests of the Corporation, and, with respect to any criminal action or proceeding, had no reasonable cause to believe his conduct was unlawful. The termination of any action, suit or proceeding by judgment, order, settlement, conviction, or upon a plea of nolo contendere or its equivalent, shall not, of itself, create a presumption that the person did not act in good faith and in a manner which he reasonably believed to be in or not opposed to the best interests of the Corporation, and, with respect to any criminal action or proceeding, had reasonable cause to believe that his conduct was unlawful.

Section 2. *Power to Indemnify in Actions, Suits or Proceedings by or in the Right of the Corporation.* Subject to Section 3 of this Article VIII, the Corporation shall indemnify any person who was or is a party or is threatened to be made a party to any threatened, pending or completed action or suit by or in the right of the Corporation to procure a judgment in its favor by reason of the fact that he is or was a director or officer of the Corporation, or is or was a director or officer of the Corporation serving at the request of the Corporation as a director, officer, employee or agent of another corporation, partnership, joint venture, trust, employee benefit plan or other enterprise against expenses (including attorneys' fees) actually and reasonably incurred by him in connection with the defense or settlement of such action or suit if he acted in good faith and in a manner he reasonably believed to be in or not opposed to the best interests of the Corporation; except that no indemnification shall be made in respect of any claim, issue or matter as to which such person shall have been adjudged to be liable to the Corporation unless and only to the extent that the Court of Chancery or the court in which such action or suit was brought shall determine upon application that, despite the adjudication of liability but in view of all the circumstances of the case, such person is fairly

8

and reasonably entitled to indemnify for such expenses which the Court of Chancery or such other court shall deem proper.

Section 3. *Authorization of Indemnification.* Any indemnification under this Article VIII (unless ordered by a court) shall be made by the Corporation only as authorized in the specific case upon a determination that indemnification of the director or officer is proper in the circumstances because he has met the applicable standard of conduct set forth in Section 1 or Section 2 of this Article VIII, as the case may be. Such determination shall be made (i) by the Board of Directors by a majority vote of a quorum consisting of directors who were not parties to such action, suit or proceeding, or (ii) if such a quorum is not obtainable, or, even if obtainable a quorum of disinterested directors so directs, by independent legal counsel in a written opinion, or (iii) by the stockholders. To the extent, however, that a director or officer of the Corporation has been successful on the merits or otherwise in defense of any action, suit or proceeding described above, or in defense of any claim, issue or matter therein, he shall be indemnified against expenses (including attorneys' fees) actually and reasonably incurred by him in connection therewith, without the necessity of authorization in the specific case.

Section 4. *Good Faith Defined.* For purposes of any determination under Section 3 of this Article VIII, a person shall be deemed to have acted in good faith and in a manner he reasonably believed to be in or not opposed to the best interests of the Corporation, or, with respect to any criminal action or proceeding, to have had no reasonable cause to believe his conduct was unlawful, if his action is based on the records or books of account of the Corporation or another enterprise, or on information supplied to him by the officers of the Corporation or another enterprise in the course of their duties, or on the advice of legal counsel for the Corporation or another enterprise or on information or records given or reports made to the Corporation or another enterprise by an independent certified public accountant or by an appraiser or other expert selected with reasonable care by the Corporation or another enterprise. The term "another enterprise" as used in this Section 4 shall mean any other corporation or any partnership, joint venture, trust, employee benefit plan or other enterprise of which such person is or was serving at the request of the Corporation as a director, officer, employee or agent. The provisions of this Section 4 shall not be deemed to be exclusive or to limit in any way the circumstances in which a person may be deemed to have met the applicable standard of conduct set forth in Sections 1 or 2 of this Article VIII, as the case may be.

Section 5. *Indemnification by a Court.* Notwithstanding any contrary determination in the specific case under Section 3 of this Article VIII, and notwithstanding the absence of any determination thereunder, any director or officer may apply to any court of competent jurisdiction in the State of Delaware for indemnification to the extent otherwise permissible under Sections 1 and 2 of this Article VIII. The basis of such indemnification by a court shall be a determination by such court that indemnification of the director or officer is proper in the circumstances because he has met the applicable standards of conduct set forth in Sections 1 or 2 of this Article VIII, as the case may be. Neither a contrary determination in the specific case under Section 3 of this Article VIII nor the absence of any determination thereunder shall be a defense to such application or create a presumption that the director or officer seeking indemnification has not met any applicable standard of conduct. Notice of any application for indemnification pursuant to this Section 5 shall be given to the Corporation promptly upon the filing of such application. If successful, in whole or in part, the director or officer seeking indemnification shall also be entitled to be paid the expense of prosecuting such application.

Section 6. *Expenses Payable in Advance.* Expenses incurred by a director or officer in defending or investigating a threatened or pending action, suit or proceeding shall be paid by the Corporation in advance of the final disposition of such action, suit or proceeding upon receipt of an undertaking by or on behalf of such director or officer to repay such amount if it shall ultimately be determined that he is not entitled to be indemnified by the Corporation as authorized in this Article VIII.

9

Section 7. *Nonexclusivity of Indemnification and Advancement of Expenses.* The indemnification and advancement of expenses provided by or granted pursuant to this Article VIII shall not be deemed exclusive of any other rights to which those seeking indemnification or advancement of expenses may be entitled under any By-Law, agreement, contract, vote of stockholders or disinterested directors or pursuant to the direction (howsoever embodied) of any court of competent jurisdiction or otherwise, both as to action in his official capacity and as to action in another capacity while holding such office, it being the policy of the Corporation that indemnification of the persons specified in Sections 1 and 2 of this Article VIII shall be made to the fullest extent permitted by law. The provisions of this Article VIII shall not be deemed to preclude the indemnification of any person who is not specified in Sections 1 or 2 of this Article VIII but whom the Corporation has the power or obligation to indemnify under the provisions of the General Corporation Law of the State of Delaware, or otherwise.

Section 8. *Insurance.* The Corporation may purchase and maintain insurance on behalf of any person who is or was a director or officer of the Corporation, or is or was a director or officer of the Corporation serving at the request of the Corporation as a director, officer, employee or agent of another corporation, partnership, joint venture, trust, employee benefit plan or other enterprise against any liability asserted against him and incurred by him in any such capacity, or arising out of his status as such, whether or not the Corporation would have the power or the obligation to indemnify him against such liability under the provisions of this Article VIII.

Section 9. *Certain Definitions.* For purposes of this Article VIII, references to "the Corporation" shall include, in addition to the resulting corporation, any constituent corporation (including any constituent of a constituent) absorbed in a consolidation or merger which, if its separate existence had continued, would have had power and authority to indemnify its directors or officers, so that any person who is or was a director or officer of such constituent corporation, or is or was a director or officer of such constituent corporation serving at the request of such constituent corporation as a director, officer, employee or agent of another corporation, partnership, joint venture, trust, employee benefit plan or other enterprise, shall stand in the same position under the provisions of this Article VIII with respect to the resulting or surviving corporation as he would have with respect to such constituent corporation if its separate existence had continued. For purposes of this Article VIII, references to "fines" shall include any excise taxes assessed on a person with respect to an employee benefit plan; and references to "serving at the request of the Corporation" shall include any service as a director, officer, employee or agent of the Corporation which imposes duties on, or involves services by, such director or officer with respect to an employee benefit plan, its participants or beneficiaries; and a person who acted in good faith and in a manner he reasonably believed to be in the interest of the participants and beneficiaries of an employee benefit plan shall be deemed to have acted in a manner "not opposed to the best interests of the Corporation" as referred to in this Article VIII.

Section 10. *Survival of Indemnification and Advancement of Expenses.* The indemnification and advancement of expenses provided by, or granted pursuant to, this Article VIII shall, unless otherwise provided when authorized or ratified, continue as to a person who has ceased to be a director or officer and shall inure to the benefit of the heirs, executors and administrators of such a person.

Section 11. *Limitation on Indemnification.* Notwithstanding anything contained in this Article VIII to the contrary, except for proceedings to enforce rights to indemnification (which shall be governed by Section 5 hereof), the Corporation shall not be obligated to indemnify any director or officer in connection with a proceeding (or part thereof) initiated by such person unless such proceeding (or part thereof) was authorized or consented to by the Board of Directors of the Corporation.

Section 12. *Indemnification of Employees and Agents.* The Corporation may, to the extent authorized from time to time by the Board of Directors, provide rights to indemnification and to the

10

advancement of expenses to employees and agents of the Corporation similar to those conferred in this Article VIII to directors and officers of the Corporation.

ARTICLE IX

AMENDMENTS

Section 1. These By-Laws may be altered, amended or repealed, in whole or in part, or new By-Laws may be adopted by the stockholders or by the Board of Directors, provided, however, that notice of such alteration, amendment, repeal or adoption of new By-Laws be contained in the notice of such meeting of stockholders or Board of Directors as the case may be. All such amendments must be approved by either the holders of a majority of the outstanding capital stock entitled to vote thereon or by a majority of the entire Board of Directors then in office.

Section 2. *Entire Board of Directors.* As used in this Article IX and in these By-Laws generally, the term "entire Board of Directors" means the total number of directors which the Corporation would have if there were no vacancies.

11

QuickLinks

[Exhibit 3.20](#)

[BY-LAWS OF BG HOLDINGS II, INC. \(hereinafter called the "Corporation"\)](#)

[ARTICLE I OFFICES](#)

[ARTICLE II MEETINGS OF STOCKHOLDERS](#)

[ARTICLE III DIRECTORS](#)

[ARTICLE IV OFFICERS](#)

[ARTICLE V STOCK](#)

[ARTICLE VI NOTICES](#)

[ARTICLE VII GENERAL PROVISIONS](#)

[ARTICLE VIII INDEMNIFICATION](#)

[ARTICLE IX AMENDMENTS](#)

**CERTIFICATE OF INCORPORATION
OF
LATAS DE ALUMINIUM REYNOLDS, INC.**

FIRST: The name of the corporation is Latas de Aluminium Reynolds, Inc.

SECOND: Its registered office in the State of Delaware is located at No. 100 West Tenth Street, in the City of Wilmington, County of New Castle. The name of its registered agent at such address is The Corporation Trust Company.

THIRD: The nature of the business or purposes to be conducted or promoted is to engage in any lawful act or activity for which corporations may be organized under the General Corporation Law of Delaware.

FOURTH: The total number of shares of stock which the corporation shall have authority to issue is One Thousand (1,000) shares of capital stock without par value.

FIFTH: The name and mailing address of each incorporator is as follows:

Name	Residence
John H. Galea	207 Hollyport Road Richmond, Virginia 23229
Hugh C. Stromswold	3111 Darnley Drive Richmond, Virginia 23235
Richard I. Dawes	8900 Watlington Road Richmond, Virginia 23229

SIXTH: In furtherance and not in limitation of the powers conferred by statute, the Board of Directors is expressly authorized to make, alter or repeal the By-Laws of the corporation.

The corporation may in its By-Laws confer powers upon its Directors in addition to the foregoing and in addition to the powers and authorities expressly conferred upon them by the statutes.

SEVENTH: The books of the corporation may be kept (subject to any provision contained in the statutes) outside of the State of Delaware at such place or places as may be from time to time designated by the Board of Directors or in the By-Laws of the corporation. Elections of Directors need not be by written ballot unless the By-Laws of the corporation shall so provide.

WE, THE UNDERSIGNED, being each of the incorporators hereinbefore named for the purpose of forming a corporation in pursuance of the General Corporation Law of the State of Delaware, do make this certificate, hereby declaring and certifying that the facts herein stated are true, and accordingly have hereunto set our hands and seals this 18th day of September, 1978.

/s/ JOHN H. GALEA (SEAL)

John H. Galea

/s/ HUGH C. STROMSWOLD (SEAL)

Hugh C. Stromswold

/s/ RICHARD I. DAWES (SEAL)

Richard I. Dawes

COMMONWEALTH OF VIRGINIA)
 : ss.
COUNTY OF HENRICO)

BE IT REMEMBERED, that on this 18th day of September, 1978, personally came before me, Cecile E. Lee, a Notary Public for the County of Henrico, in the Commonwealth of Virginia, all of the parties to the foregoing Certificate of Incorporation, known to me personally to be such, and severally acknowledged the said Certificate to be the act and deed of the signers respectively and that the facts therein stated are truly set forth.

GIVEN under my hand and seal of office the day and year aforesaid.

/s/ CECILE E. LEE

Notary Public

My Commission Expires September 5, 1981.

**CERTIFICATE OF AMENDMENT
OF
CERTIFICATE OF INCORPORATION**

LATAS DE ALUMINIUM REYNOLDS, INC., a corporation organized and existing under the laws of the State of Delaware, by its Vice President and its Assistant Secretary, hereby certifies as follows:

FIRST: That the board of Directors of said Latas de Aluminium Reynolds, Inc., by unanimous written consent adopted a resolution proposing and declaring advisable the following amendment to the Certificate of Incorporation of said corporation:

RESOLVED, that the Certificate of Incorporation of this corporation be amended by revising Article FIRST thereof so that as amended and revised, Article FIRST shall read as follows:

"FIRST: The name of the corporation is Latas de Aluminio Reynolds, Inc."

AND FURTHER RESOLVED, that said amendment is declared advisable and that any officer of this corporation be, and he hereby is, directed to advise Reynolds Metals Company, owner of all of the issued and outstanding stock of this corporation, of the amendment herein authorized, and to submit to said Reynolds Metals Company a form of consent to such amendment for execution by said company;

AND FURTHER RESOLVED, that if Reynolds Metals Company consents to the amendment hereinabove set forth, the proper officers of this corporation be, and they are hereby, authorized to file the necessary certificate to effect said amendment with the Secretary of State of Delaware, and to cause a copy thereof, certified by said Secretary of State, to be recorded in the Office of the Recorder of New Castle County, Delaware;

AND FURTHER RESOLVED, that the Secretary, or any Assistant Secretary, of this corporation be, and he is hereby, directed to file, or have filed, with the proper state official of any state in which this corporation is authorized to do business as a foreign corporation, a certified copy of the Certificate of Amendment and/or any other instrument which may be required by the laws of such state.

SECOND: That said amendment has been consented to and authorized by the holder of all of the issued and outstanding stock of Latas of Aluminium Reynolds, Inc., entitled to vote, by a written consent given in accordance with the provisions of Section 228 of Title 8 of the Delaware Code, said consent having been executed and filed with this corporation on the 26th day of June, 1980.

THIRD: That said amendment was duly adopted in accordance with the applicable provisions of Sections 242 and 228 of Title 8 of the Delaware Code.

3

IN WITNESS WHEREOF, this Certificate has been made under the corporate seal of said LATAS DE ALUMINIUM REYNOLDS, INC., and Thomas E. Feagin, its Vice President, and Grace E. Clarke, its Assistant Secretary, have hereunto severally signed their names this 26th day of June, 1980.

LATAS DE ALUMINIUM REYNOLDS, INC.

By: /s/ THOMAS E. FEAGIN

Thomas E. Feagin
Vice President

Attest: By: /s/ GRACE E. CLARKE

Grace E. Clarke
Assistant Secretary

4

**CERTIFICATE OF CHANGE OF LOCATION OF REGISTERED OFFICE
AND OF REGISTERED AGENT**

It is hereby certified that:

1. The name of the corporation (hereinafter called the "corporation") is

LATAS DE ALUMINIO REYNOLDS, INC.
2. The registered office of the corporation within the State of Delaware is hereby changed to 229 South State Street, City of Dover 19901, County of Kent.
3. The registered agent of the corporation within the State of Delaware is hereby changed to The Prentice-Hall Corporation System, Inc., the business office of which is identical with the registered office of the corporation as hereby changed.
4. The corporation has authorized the changes hereinbefore set forth by resolution of its Board of Directors.

Signed on September 9, 1987.

/s/ JOHN H. GALEA

Senior Vice President and General Counsel

Attest:

/s/ JANE C. HIGGINS

Assistant Secretary

5

STATE OF DELAWARE
SECRETARY OF STATE
DIVISION OF CORPORATIONS
FILED 09:00 AM 11/01/1990
903055125 - 860254

**CERTIFICATE OF CHANGE OF LOCATION OF REGISTERED
OFFICE AND REGISTERED AGENT
OF
LATAS DE ALUMINIO REYNOLDS, INC.**

The Board of Directors of the LATAS DE ALUMINIO REYNOLDS, INC. a corporation of the State of Delaware, on this 29th day of October A.D. 1990, do hereby resolve and order that the location of the Registered Office of this Corporation within this State be, and the same hereby is: 1013 Centre Road, in the City of Wilmington, in the County of New Castle.

The name and the Registered Agent therein and in charge thereof upon whom process against the Corporation may be served, is: CORPORATION SERVICE COMPANY.

The LATAS DE ALUMINIO REYNOLDS, INC., a Corporation of the State of Delaware, does hereby certify that the foregoing is a true copy of a resolution adopted by the Board of Directors at a meeting held as herein stated.

IN WITNESS WHEREOF, said Corporation has caused this Certificate to be signed by its President and Secretary, this 29th day of October A.D. 1990.

COMPANY

By: /s/ DAVID CAROLES

David Caroles
Vice President, General Counsel and Secretary

Attest: By: /s/ D. MICHAEL JONES

D. Michael Jones
Assistant Secretary

6

STATE OF DELAWARE
SECRETARY OF STATE
DIVISION OF CORPORATIONS
FILED 12:00 PM 09/04/1998
9081346581 - 0860254

**CERTIFICATE OF AMENDMENT
OF
CERTIFICATE OF INCORPORATION
OF
LATAS DE ALUMINIO REYNOLDS, INC.**

Latas de Aluminio Reynolds, Inc., a corporation organized and existing under and by virtue of the General Corporation Law of the State of Delaware,
DOES HEREBY CERTIFY:

FIRST: That the Board of Directors of said Corporation by the unanimous written consent of its members adopted resolutions proposing and declaring advisable the following amendment to the Certificate of Incorporation of said Corporation:

RESOLVED, that the Certificate of Incorporation of Latas de Aluminio Reynolds, Inc. be amended by changing the Article FIRST thereof so that, as amended, said Article shall be and read as follow:

"FIRST: The name of the corporation is Latas de Aluminio Ball, Inc."

RESOLVED, that the Certificate of Incorporation of Latas de Aluminio Reynolds, Inc. be amended by changing the Article SECOND thereof so that, as amended, said Article shall be and read as follow:

"SECOND: Its registered office in the State of Delaware is located at 1209 Orange Street, Wilmington, County of New Castle, Delaware 19801. The name of its registered agent at such address is The Corporation Trust Company."

SECOND: That in lieu of a meeting and vote of stockholders, the stockholders have given unanimous written consent of said amendment in accordance with the provisions of Section 228 of the General Corporation Law of the State of Delaware.

THIRD: That the aforesaid amendment was duly adopted in accordance with the applicable provisions of Sections 242 and 228 of the General Corporation Law of the State of Delaware.

IN WITNESS WHEREOF, said Latas de Aluminio Reynolds, Inc. has caused this certificate to be signed by its SECRETARY, Donald C. Lewis, this 1st day of September, 1998.

/s/ DONALD C. LEWIS

Donald C. Lewis, Secretary

QuickLinks

[Exhibit 3.21](#)

BY-LAWS

OF

LATAS DE ALUMINIO BALL, INC.

(Dated: September 4, 1998)

ARTICLE I—Stock

1. *CERTIFICATES FOR STOCK.* Certificates of Stock shall be issued in numerical order, be signed by the Chairman of the Board of Directors, the President or a Vice President, and by the Secretary or an Assistant Secretary, or the Treasurer or an Assistant Treasurer, and sealed with the corporate seal.
2. *TRANSFERS OF STOCK.* Transfers of stock shall be made only upon the books of the corporation, and only by the person named in the certificate or by attorney, lawfully constituted in writing, and only upon surrender of the certificate therefor. The directors may by resolution make reasonable regulations for the transfers of stock.
3. *HOLDERS OF RECORD.* Registered stockholders only shall be entitled to be treated by the corporation as the holders in fact of the stock standing in their respective names.
4. *LOST OR DESTROYED CERTIFICATES.* In case of loss or destruction of any certificate of stock another may be issued in its place upon satisfactory proof of such loss or destruction and upon the giving of a satisfactory bond of indemnity to the corporation, all as determined either expressly by the directors or pursuant to general authority granted by them.

ARTICLE II—Stockholders' Meetings

1. *PLACE OF MEETINGS.* Meetings of the stockholders shall be held at such place, within or outside the State of Delaware, as the Board of Directors may determine.
2. *ANNUAL MEETING.* The annual meeting of the stockholders of the corporation, for the election of directors to succeed those whose terms expire, and for the transaction of such other business as may come before the meeting, shall be held on the first Friday after April 15th of each year, if not a legal holiday, and if a legal holiday, then on the first business day following, at 10:00 o'clock in the A.M., or on such other date and at such other time as may be fixed by the Board of Directors. If the annual meeting of the stockholders be not held as herein prescribed, the election of directors may be held at any meeting thereafter called pursuant to these By-Laws.
3. *SPECIAL MEETINGS.* Special meetings of the stockholders may be called by the Chairman of the Board of Directors, or the President, or by the Board of Directors, and shall be called at any time by the Board of Directors upon the request in writing of stockholders owning a majority of the outstanding stock of the corporation, and entitled to vote. Such request must state the purpose of the meeting.
4. *NOTICE OF MEETINGS.* Written notice of the place, date and hour of the annual and of all special meetings of the stockholders and, in the case of special meetings, of the purpose or purposes for which such special meeting is called, shall be given in the manner specified in Section 1 of Article VII of these By-Laws not less than ten (10) nor more than sixty (60) days prior to the meeting, to each stockholder of record of the corporation entitled to vote thereat. Business transacted at all special meetings shall be confined to the purposes stated in the notice.
5. *QUORUM.* A quorum at any annual or special meeting of the stockholders shall consist of stockholders holding a majority of the capital stock of this corporation outstanding and entitled to vote

thereat, represented either in person or by proxy, except as otherwise specifically provided by law or in the Certificate of Incorporation.

6. *ADJOURNED MEETINGS.* If a quorum be not present at a properly called stockholders' meeting, the meeting may be adjourned from time to time by a majority in interest of those present in person or by proxy and entitled to vote thereat. At any such adjourned meeting at which a quorum shall be present, any business may be transacted which might have been transacted at the meeting as originally notified. If the adjournment is for more than thirty (30) days, or if after the adjournment a new record date is fixed for the adjourned meeting, a notice of the adjourned meeting shall be given to each stockholder of record entitled to vote at the meeting; otherwise, no notice of such adjourned meeting need be given if the time and place thereof are announced at the meeting at which the adjournment is taken. The absence from any meeting of stockholders holding the number of shares of stock of the corporation required by law, the Certificate of Incorporation or these By-Laws for action upon any given matter shall not prevent action at such meeting upon any other matter or matters which may properly come before the meeting, if there shall be present thereat in person or by proxy stockholders holding the number of shares of stock of the corporation required in respect of such other matter or matters.
7. *LIST OF STOCKHOLDERS.* A complete list of the stockholders entitled to vote at each annual or special meeting of the stockholders of the corporation, arranged in alphabetical order, showing the address of record of each and the number of voting shares held by each, shall be prepared by the Secretary, who shall have charge of the stock ledger, and filed in the city (or, if such meeting is to be held at a place not within any city, then in the county) where the meeting is to be held, at a location specified in the Notice of Meeting, or if no such location is specified in such notice, at the place where the meeting is to be held, at least ten (10) days before every such meeting, and shall, during the usual hours for business, be open to the examination of any stockholder for any purpose germane to the meeting, and during the whole time of said meeting be open to the examination of any stockholder.

8. *VOTING.* Subject to the provisions of Article VI, Section 2 of these By-Laws, each holder of stock of a class which is entitled to vote in any election or on any other questions at any annual or special meeting of the stockholders shall be entitled to one vote, in person or by written proxy, for each share of such class held of record. Except where, and to the extent that, a different percentage of votes and/or a different exercise of voting power is prescribed by law, the Certificate of Incorporation or these By-Laws, all elections and other questions shall be decided by the holders of a majority in number of the shares of stock of the corporation present in person or by proxy and entitled to vote. The votes for

directors, and, upon demand of any stockholder, or where required by law, the votes upon any question before the meeting, shall be by ballot; otherwise, the election shall be held as the Chairman of the Board of Directors prescribes.

9. *CONSENTS IN WRITING.* Any action which might have been taken under these By-Laws by a vote of the stockholders at a meeting thereof may be taken by them without a meeting, without prior notice and without a vote, if a consent in writing setting forth the action so taken shall be signed by the holders of outstanding shares of stock of the corporation having not less than the minimum number of votes that would be necessary to authorize or take such action at a meeting at which all shares entitled to vote thereon were present and voted; provided, that prompt notice of the taking of such corporate action shall be given to those stockholders who have not consented thereto if less than unanimous written consent is obtained.

ARTICLE III—Board of Directors

1. *NUMBER; TERM OF OFFICE; POWERS.* The business and affairs of the corporation shall be under the direction of a Board of Directors, consisting of not less than three (3) and not more than

2

twenty (20) persons, the exact number of which shall be fixed from time to time by resolution of the Board of Directors. Until such time as the Board of Directors shall by resolution fix a different number of directors, the Board of Directors shall consist of three (3) persons. Directors shall be elected for one year, and shall hold office until their successors are elected and qualified. Directors need not be stockholders. In addition to the power and authority expressly conferred upon them by the By-Laws and the Certificate of Incorporation, the Board of Directors may exercise all such powers of the corporation and do all such lawful acts and things as are not by law or by the Certificate of Incorporation or by these By-Laws directed or required to be exercised or done by the stockholders.

2. *RESIGNATIONS.* Any director may resign at any time by giving written notice of resignation to the Board of Directors, to the Chairman of the Board of Directors or to the Secretary of the corporation. Any such resignation shall take effect at the time specified therein, or if the time be not specified therein, then upon receipt thereof. The acceptance of such resignation shall not be necessary to make it effective.

3. *VACANCIES.* Except as otherwise specifically provided by law, the Certificate of Incorporation or these By-Laws, all vacancies in the Board of Directors, whether caused by resignation, death, increase in the number of authorized directors or otherwise, may be filled by a majority of the Board of Directors then in office, even though less than a quorum, or by the stockholders at a special meeting. A director thus elected to fill any vacancy shall hold office until the next annual meeting of stockholders and until a successor is elected and qualified.

4. *ANNUAL MEETING.* The annual meeting of the Board of Directors, for the election of officers and the transaction of other business, shall be held on the same day and at the same place as, and as soon as practicable following, the annual meeting of stockholders, or at such other date, time or place as the directors may by resolution designate.

5. *REGULAR MEETINGS.* Regular meetings of the Board of Directors shall be held at such times, and at such place within or outside the State of Delaware, as the Board of Directors may from time to time by resolution designate.

6. *SPECIAL MEETINGS.* Special meetings of the directors may be called at any time by the Chairman of the Board of Directors; or the President; or by the Secretary upon written request of one-third of the directors, such request stating the purpose for which the meeting is to be called. Special meetings shall be held at the principal office of the corporation or at such office within or outside the State of Delaware as the directors may from time to time designate.

7. *NOTICE OF MEETING.* Except as otherwise required by law, notice of special meetings of the Board of Directors or of any committee of the Board of Directors shall be given to each director or to each committee member, as the case may be, by mail at least two days before the day on which the meeting is to be held or by personal delivery, word-of-mouth, telephone, telegraph, radio, cable or other comparable means at least six hours before the time at which the meeting is to be held. Such notice shall state the time and place of such meeting, but need not state the purposes thereof unless otherwise required by law. No notice need be given of the annual meeting of directors or of regular meetings of directors or of committees of the Board of Directors, provided that, whenever the time or place of such meetings shall be fixed or changed, notice of such action shall be given promptly to each director or to each committee member, as the case may be, who shall not have been present at the meeting at which such action was taken.

8. *QUORUM; ADJOURNED MEETINGS; REQUIRED VOTE.* A majority of the Board of Directors as constituted from time to time shall be necessary and sufficient at all meetings to constitute a quorum for the transaction of business. In the absence of a quorum, a majority of those present may adjourn the meeting from time to time and the meeting may be held as adjourned without further notice provided a quorum be present at such adjourned meeting. Unless otherwise specifically provided

3

by the Certificate of Incorporation or statute, the act of a majority of the directors present at any properly convened meeting at which there is a quorum, but in no case less than one-third of all of the directors then in office, shall be the act of the Board of Directors.

9. *COMMITTEES.* Standing or Temporary Committees may be appointed from their own number by the Board of Directors from time to time, and the directors may from time to time vest such committees with such powers as the directors may see fit, subject to such conditions as the directors may prescribe or as may be prescribed by law. All committees shall consist of two or more directors. The term of office of the members of each committee shall be as fixed from time to time by the Board of Directors; provided, however, that any committee member who ceases to be a director shall *IPSO FACTO* cease to be a committee member. Any member of any committee may be removed at any time with or without cause by the Board of Directors, and any vacancy in any committee may be filled by the Board of Directors. All committees shall keep regular minutes of their transactions and shall cause them to be recorded in books kept for that purpose in the office of the corporation, and shall report the same to the Board of Directors at their regular meetings. Subject to this Section 9 and except as otherwise determined by the Board of Directors, each committee may make rules for the conduct of its business.

10. *COMPENSATION.* Directors, as such, may receive, pursuant to resolution of the Board of Directors, fixed fees, other compensation and expenses for their services as directors, including, without limitation, services as chairmen or as members of committees of the directors; provided, however, that nothing herein contained shall be construed to preclude any director from serving the corporation in any other capacity and receiving compensation therefor.

11. *CONSENTS IN WRITING.* Any action required or permitted to be taken at any meeting of the Board of Directors or of any committee thereof may be taken without a meeting if all members of the Board of Directors or committee, as the case may be, consent thereto in writing, and the writing or writings are filed with the minutes of proceedings of the Board of Directors or committee.

12. *PARTICIPATION BY CONFERENCE TELEPHONE.* Members of the Board of Directors or of any committee may participate in a meeting of such Board of Directors or committee, as the case may be, by means of conference telephone or similar communications equipment by means of which all persons participating in the meeting can hear each

other, and participation in a meeting by such means shall constitute presence in person at the meeting.

ARTICLE IV—Officers

1. *OFFICERS.* The corporation may have a Chairman of the Board of Directors, one or more Vice Chairmen of the Board of Directors, a President, one or more Vice Presidents, which may include Executive and Senior Vice Presidents, a General Counsel, a Secretary, a Treasurer, a Controller and such other officers and assistant officers as the Board of Directors shall deem appropriate; provided, that the corporation shall have such officers as are required by applicable law. Officers shall be elected annually by the Board of Directors. One person may hold more than one office.

2. *CHAIRMAN OF THE BOARD.* The Chairman of the Board of Directors shall preside at all meetings of stockholders and directors, shall be the chief executive officer of the corporation and, subject to the direction of the Board of Directors, shall have general supervision and management of the business and affairs of the corporation and shall perform all such other duties as are incident to such office or are properly required by the Board of Directors.

3. *VICE CHAIRMAN OF THE BOARD.* The Vice Chairman of the Board of Directors shall (in the absence of the Chairman of the Board of Directors) preside at all meetings and shall perform all such other duties as are properly required by the Board of Directors or the Chairman of the Board of Directors.

4

4. *PRESIDENT.* The President shall be the chief operating officer of this corporation and shall, subject to the direction of the Board of Directors and the Chairman of the Board of Directors, direct and supervise the business and affairs of the corporation and shall perform all such other duties as are incident to such office or as are properly required by the Board of Directors or the Chairman of the Board of Directors. During the absence or disability of the Chairman of the Board of Directors, or in the event such office remains vacant, the President shall exercise all powers and discharge all the duties of the Chairman of the Board of Directors.

5. *EXECUTIVE VICE PRESIDENTS AND VICE PRESIDENTS.* Each of the Executive Vice Presidents and other Vice Presidents shall perform such duties as are properly required by the Board of Directors, the Chairman of the Board of Directors or the President.

6. *GENERAL COUNSEL.* The General Counsel shall advise the corporation on legal matters affecting the corporation and its activities, shall supervise and direct the handling of all such legal matters and shall perform all such other duties as are incident to the office of General Counsel.

7. *TREASURER.* The Treasurer shall have the custody of all moneys and securities of the corporation and shall keep or cause to be kept accurate accounts of all moneys received or payments made in books kept for that purpose. The Treasurer shall deposit or cause to be deposited funds of the corporation in accordance with Article V, Section 2 of these By-Laws and shall disburse the funds of the corporation by checks or vouchers as authorized by the Board of Directors. The Treasurer shall also perform all other duties incident to the office of Treasurer.

8. *SECRETARY.* The Secretary shall keep the minutes of the meetings of the stockholders and of the Board of Directors, and, when required, the minutes of the meetings of the committees, and shall be responsible for the custody of all such minutes. The Secretary shall be responsible for the custody of the stock ledger and documents of the corporation. The Secretary shall have custody of the corporate seal and shall affix and attest such seal to any instrument whose execution under seal shall have been duly authorized and enjoy all other powers incident to the office of Secretary.

9. *CONTROLLER.* The Controller shall be the chief accounting officer of the corporation. The Controller shall keep or cause to be kept all books of accounts and accounting records of the corporation and shall keep and maintain, or cause to be kept and maintained, adequate and correct accounts of the properties and business transactions of the corporation. The Controller shall prepare or cause to be prepared appropriate financial statements for the corporation and shall have such other powers and perform such other duties as may be incident to the office of Controller.

10. *OTHER OFFICERS AND ASSISTANT OFFICERS.* All other officers and assistant officers shall exercise such powers and perform such duties as shall be determined from time to time by the Board of Directors, the Chairman of the Board of Directors, or the President.

11. *TERM OF OFFICE; VACANCIES.* Each officer shall hold office until the annual meeting of the Board of Directors following the end of the term of the Board by which such officer is elected, except in the case of earlier death, resignation or removal. Vacancies in any office arising from any cause may be filled by the directors at any regular or special meeting.

12. *REMOVAL.* Any officer elected or appointed by the Board of Directors may be removed at any time, with or without cause, by the Board of Directors.

ARTICLE V—Dividends and Finance

1. *DIVIDENDS.* Dividends may be declared to the full extent permitted by law at such times as the Board of Directors shall direct.

2. *DEPOSITS; WITHDRAWALS; NOTES AND OTHER INSTRUMENTS.* The moneys of the corporation shall be deposited in the name of the corporation in such banks or trust companies as shall

5

be designated by the Board of Directors, and shall be drawn out only by persons designated from time to time by the Board of Directors or by an officer of this corporation to whom the Board of Directors has delegated such authority. All notes and other instruments for the payment of money shall be signed or endorsed by officers or other persons authorized from time to time by the Board of Directors or by an officer of this corporation to whom the Board of Directors has delegated such authority.

3. *FISCAL YEAR.* The fiscal year of the corporation shall date from the first day of January in each year.

ARTICLE VI—Books and Records; Record Date

1. *BOOKS AND RECORDS.* The books, accounts and records of the corporation, except as may be otherwise required by the laws of the State of Delaware, may be kept within or outside of the said State at such places as the Board of Directors may from time to time appoint.

2. *RECORD DATE.* The Board of Directors is authorized to fix in advance a date, not exceeding sixty (60) days preceding the date of any meeting of stockholders, or the date for the payment of any dividend, or the date for the allotment of rights, or the date when any change or conversion or exchange of capital stock shall go into effect, or a date in connection with obtaining such consent, as a record date for the determination of the stockholders entitled to notice of, and to vote at, any such meeting and any adjournment thereof, or entitled to receive payment of any such dividend or to any such allotment of rights, or to exercise the rights in respect of any such change, conversion or exchange of capital stock, or to give such consent. In such case such stockholders and only such stockholders as shall be stockholders of record on the date so fixed shall be entitled to such notice of, and to vote at, such meeting and any adjournment thereof, or to receive payment of such dividend or to receive such allotment of rights, or to exercise such rights, or to give such consent, as the case may be, notwithstanding any transfer of any stock on the books of the corporation after any such record date fixed as aforesaid. Any such record date fixed in connection with a meeting of stockholders shall not be less than ten (10) days before the date of such meeting.

ARTICLE VII—Notices

1. *NOTICES.* Whenever any provision of law or these By-Laws requires notice to be given to any director, officer or stockholder, such notice may be given in writing by mailing the same to such director, officer or stockholder at his or her address as the same appears in the books of the corporation, unless such stockholder shall have filed with the Secretary a written request that notices intended for him or her be mailed to some other address, in which case it shall be mailed to the address designated in such request. The time when the same shall be mailed shall be deemed to be the time of the giving of such notice. This section shall not be deemed to preclude the giving of notice by other means if permitted by the applicable provision of law or these By-Laws.

2. *WAIVERS OF NOTICE.* A waiver of any notice in writing, signed by a stockholder, director or officer, whether before or after the time stated in said waiver for holding a meeting, shall be deemed equivalent to a notice required to be given to any director, officer or stockholder.

ARTICLE VIII—Contracts

1. *INTERESTED DIRECTORS OR OFFICERS.* No contract or transaction between the corporation and one or more of its directors or officers, or between the corporation and any other corporation, partnership, association, or other organization in which one or more of the directors or officers of the corporation are directors or officers, or have a financial interest, shall be void or voidable solely for this reason, or solely because the director or officer of the corporation is present at

6

or participates in the meeting of the Board of Directors or committee thereof which authorizes the contract or transaction, or solely because his, her or their votes are counted for such purpose, if:

- (i) The material facts as to the relationship or interest of such person and as to the contract or transaction are disclosed or are known to the Board of Directors or the committee thereof, and the Board of Directors or committee in good faith authorizes the contract or transaction by a vote sufficient for such purpose without counting the vote of the interested director or directors of the corporation; provided, however, that common or interested Directors may be counted in determining the presence of a quorum at a meeting of the Board of Directors or committee; or
- (ii) The material facts as to the relationship or interest of such person and as to the contract or transaction are disclosed or are known to the stockholders of the corporation entitled to vote thereon, and the contract or transaction is specifically approved in good faith by vote of the stockholders of the corporation; or
- (iii) The contract or transaction is fair as to the corporation as of the time it is authorized, approved or ratified, by the Board of Directors, a committee thereof, or the stockholders of the corporation.

ARTICLE IX—Seal

1. *SEAL.* The corporate seal of the corporation shall consist of two concentric circles, between which is the name of the corporation, and in the center shall be inscribed the year of its incorporation and the words, "Corporate Seal, Delaware."

ARTICLE X—Indemnification

1. *INDEMNIFICATION IN THIRD PARTY ACTIONS.* The corporation shall indemnify each person who was or is a party or is threatened to be made a party to any threatened, pending or completed action, suit or proceeding, whether civil, criminal, administrative or investigative (other than an action by or in the right of the corporation) by reason of the fact that such person is or was a director, officer or employee of the corporation, or is or was serving at the request of the corporation as a director, officer, employee or agent of another corporation, partnership, joint venture, trust or other enterprise, including service with respect to employee benefit plans, against all expense, liability and loss (including attorneys' fees, judgments, fines, ERISA excise taxes or penalties, and amounts paid or to be paid in settlement) actually and reasonably incurred by such person in connection with such action, suit or proceeding if he or she acted in good faith and in a manner he or she reasonably believed to be in or not opposed to the best interests of the corporation, and, with respect to any criminal action or proceeding, had no reasonable cause to believe his or her conduct was unlawful, except that no indemnification shall be made in respect of any proceeding (or part thereof) initiated by such person unless such proceeding (or part thereof) was authorized by the Board of Directors of the corporation. The termination of any action, suit or proceeding by judgment, order, settlement, conviction, or upon a plea of nolo contendere or its equivalent, shall not, of itself, create a presumption that the person did not act in good faith and in a manner which the person reasonably believed to be in or not opposed to the best interests of the corporation, and with respect to any criminal action or proceeding, had reasonable cause to believe that his or her conduct was unlawful.

2. *INDEMNIFICATION IN AN ACTION BY OR IN THE RIGHT OF THE CORPORATION.* The corporation shall indemnify each person who was or is a party or is threatened to be made a party to any threatened, pending or completed action or suit by or in the right of the corporation to procure a judgment in its favor by reason of the fact that such person is or was a director, officer or employee of the corporation, or is or was serving at the request of the corporation as a director, officer, employee or agent of another corporation, partnership, joint venture, trust or other enterprise,

7

including service with respect to employee benefit plans, against expenses (including attorneys' fees) actually and reasonably incurred by such person in connection with the defense or settlement of such action or suit if the person acted in good faith and in a manner the person reasonably believed to be in or not opposed to the best interests of the corporation and except that no indemnification shall be made in respect of (i) any claim, issue or matter as to which such person shall have been adjudged to be liable to the corporation unless

and only to the extent that the Court of Chancery of the State of Delaware or the court in which such action or suit was brought shall determine upon application that, despite the adjudication of liability but in view of all the circumstances of the case, such person is fairly and reasonably entitled to indemnity for such expenses which such Court of Chancery or such other court shall deem proper, or (ii) any proceeding (or part thereof) initiated by such person unless such proceeding (or part thereof) was authorized by the Board of Directors of the corporation.

3. *INDEMNIFICATION AS OF RIGHT.* To the extent that a director, officer or employee of the corporation has been successful on the merits or otherwise in defense of any action, suit or proceeding referred to in Sections 1 and 2 of this Article X, or in defense of any claim, issue or matter therein, such person shall be indemnified against expenses (including attorneys' fees) actually and reasonably incurred by such person in connection therewith.

4. *DETERMINATION OF INDEMNIFICATION.* Any indemnification under Sections 1 and 2 of this Article X (unless ordered by a court) shall be made by the corporation only as authorized in the specific case upon a determination that indemnification of the director, officer or employee is proper in the circumstances because the person has met the applicable standard of conduct set forth in such Sections 1 and 2. Such determination shall be made with respect to a person who is a director or officer at the time of such determination, (i) by a majority vote of the directors who are not parties to such action, suit or proceeding, even though less than a quorum, or (ii) by a committee of such directors designated by majority vote of such directors, even though less than a quorum, or (iii) if there are no such directors, or if such directors so direct, by independent legal counsel in a written opinion, or (iv) by the stockholders.

5. *ADVANCE FOR EXPENSES.* Expenses (including attorneys' fees) incurred in defending any civil, criminal, administrative or investigative action, suit or proceeding shall be paid by the corporation in advance of the final disposition of such action, suit or proceeding upon receipt of an undertaking by or on behalf of the director, officer or employee to repay such amount if it shall ultimately be determined that he or she is not entitled to be indemnified by the corporation as authorized in this Article X, except that no advancement of expenses shall be made in respect of any proceeding (or part thereof) initiated by such person unless such proceeding (or part thereof) was authorized by the Board of Directors of the corporation.

6. *GENERAL PROVISIONS.*

- (a) All expenses (including attorneys' fees) incurred in defending any civil, criminal, administrative or investigative action, suit or proceeding which are advanced by the corporation under Section 5 of this Article X shall be repaid (i) in case the person receiving such advance is ultimately found, under the procedure set forth in this Article X, not to be entitled to indemnification, or (ii) where indemnification is granted, to the extent that the expenses so advanced by the corporation exceed the indemnification to which such person is entitled.
- (b) The corporation may indemnify each person, though he or she is not or was not a director, officer or employee of the corporation, who served at the request of the corporation on a committee created by the Board of Directors to consider and report to it in respect of any matter. Any such indemnification may be made under the preceding provisions of this Article X and shall be subject to the limitations thereof except that (as indicated) any such committee member need not be nor have been a director, officer or employee of the corporation.

8

-
- (c) The provisions of this Article X shall be applicable to appeals. References to "serving at the request of the corporation" shall include without limitation any service as a director, officer, employee or agent of the corporation which imposes duties on, or involves services by, such director, officer, employee or agent with respect to an employee benefit plan, its participants or beneficiaries. A person who acted in good faith and in a manner he or she reasonably believed to be in the interest of the participants and beneficiaries of an employee benefit plan shall be deemed to have acted in a manner "not opposed to the best interests of the corporation."
 - (d) If any section, subsection, paragraph, sentence, clause, phrase or word in this Article X shall be adjudicated invalid or unenforceable, such adjudication shall not be deemed to invalidate or otherwise affect any other section, subsection, paragraph, sentence, clause, phrase or word of this Article.
 - (e) The indemnification and advancement of expenses provided by, or granted pursuant to, this Article X shall not be deemed exclusive of any other rights to which those seeking indemnification or advancement of expenses may be entitled under any By-Law, agreement, vote of stockholders or disinterested directors or otherwise, both as to action in their official capacities and as to action in another capacity while holding such office, and shall continue as to a person who has ceased to be a director, officer or employee and shall inure to the benefit of the heirs, executors, and administrators of such a person.

ARTICLE XI—Amendments

1. *AMENDMENTS.* Alterations or amendments of these By-Laws may be made by the stockholders at any annual or special meeting if the notice of such meeting contains a statement of the proposed alteration or amendment, or by the Board of Directors at any annual, regular or special meeting, provided notice of such alteration or amendment has been given to each director in writing at least five (5) days prior to said meeting or has been waived by all the directors.

9

QuickLinks

[Exhibit 3.22](#)

[BY-LAWS OF LATAS DE ALUMINIO BALL, INC. \(Dated: September 4, 1998\)](#)

[ARTICLE I—Stock](#)

[ARTICLE II—Stockholders' Meetings](#)

[ARTICLE III—Board of Directors](#)

[ARTICLE IV—Officers](#)

[ARTICLE V—Dividends and Finance](#)

[ARTICLE VI—Books and Records; Record Date](#)

[ARTICLE VII—Notices](#)

[ARTICLE VIII—Contracts](#)

[ARTICLE IX—Seal](#)

[ARTICLE X—Indemnification](#)

[ARTICLE XI—Amendments](#)

STATE OF DELAWARE
SECRETARY OF STATE
DIVISION OF CORPORATIONS
FILED 10:00 AM 08/22/2002
020530701 - 3561259

**CERTIFICATE OF INCORPORATION
OF
BALL PAN-EUROPEAN HOLDINGS, INC.**

FIRST: The name of the Corporation is Ball Pan-European Holdings, Inc. (hereinafter the "Corporation").

SECOND: The address of the registered office of the Corporation in the State of Delaware is 1209 Orange Street, in the City of Wilmington, County of New Castle. The name of its registered agent at that address is The Corporation Trust Company.

THIRD: The purpose of the Corporation is to engage in any lawful act or activity for which a corporation may be organized under the General Corporation Law of the State of Delaware as set forth in Title 8 of the Delaware Code (the "GCL").

FOURTH: The total number of shares of stock which the Corporation shall have authority to issue is 1000 shares of Common Stock, each having a par value of one penny (\$0.01).

FIFTH: The name and mailing address of the Sole Incorporator is as follows:

<u>Name</u>	<u>Address</u>
M. Martha Sherry	333 W. Wacker Dr., Suite 2100 Chicago, IL 60606

SIXTH: The following provisions are inserted for the management of the business and the conduct of the affairs of the Corporation, and for further definition, limitation and regulation of the powers of the Corporation and of its directors and stockholders:

- (1) The business and affairs of the Corporation shall be managed by or under the direction of the Board of Directors.
- (2) The directors shall have concurrent power with the stockholders to make, alter, amend, change, add to or repeal the By-Laws of the Corporation.
- (3) The number of directors of the Corporation shall be as from time to time fixed by, or in the manner provided in, the By-Laws of the Corporation. Election of directors need not be by written ballot unless the By-Laws so provide.
- (4) No director shall be personally liable to the Corporation or any of its stockholders for monetary damages for breach of fiduciary duty as a director, except for liability (i) for any breach of the director's duty of loyalty to the Corporation or its stockholders, (ii) for acts or omissions not in good faith or which involve intentional misconduct or a knowing violation of law, (iii) pursuant to Section 174 of the GCL or (iv) for any transaction from which the director derived an improper personal benefit. Any repeal or modification of this Article SIXTH by the stockholders of the Corporation shall not adversely affect any right or protection of a director of the Corporation existing at the time of such repeal or modification with respect to acts or omissions occurring prior to such repeal or modification.
- (5) In addition to the powers and authority hereinbefore or by statute expressly conferred upon them, the directors are hereby empowered to exercise all such powers and do all such acts and things as may be exercised or done by the Corporation, subject, nevertheless, to the provisions

of the GCL, this Certificate of Incorporation, and any By-Laws adopted by the stockholders; provided, however, that no By-Laws hereafter adopted by the stockholders shall invalidate any prior act of the directors which would have been valid if such By-Laws had not been adopted.

SEVENTH: The Corporation shall indemnify its directors and officers to the fullest extent authorized or permitted by law, as now or hereafter in effect, and such right to indemnification shall continue as to a person who has ceased to be a director or officer of the Corporation and shall inure to the benefit of his or her heirs, executors and personal and legal representatives; provided, however, that, except for proceedings to enforce rights to indemnification, the Corporation shall not be obligated to indemnify any director or officer (or his or her heirs, executors or personal or legal representatives) in connection with a proceeding (or part thereof) initiated by such person unless such proceeding (or part thereof) was authorized or consented to by the Board of Directors. The right to indemnification conferred by this Article SEVENTH shall include the right to be paid by the Corporation the expenses incurred in defending or otherwise participating in any proceeding in advance of its final disposition.

The Corporation may, to the extent authorized from time to time by the Board of Directors, provide rights to indemnification and to the advancement of expenses to employees and agents of the Corporation similar to those conferred in this Article SEVENTH to directors and officers of the Corporation.

The rights to indemnification and to the advance of expenses conferred in this Article SEVENTH shall not be exclusive of any other right which any person may have or hereafter acquire under this Certificate of Incorporation, the By-Laws of the Corporation, any statute, agreement, vote of stockholders or disinterested directors or otherwise.

Any repeal or modification of this Article SEVENTH by the stockholders of the Corporation shall not adversely affect any rights to indemnification and to the advancement of expenses of a director or officer of the Corporation existing at the time of such repeal or modification with respect to any acts or omissions occurring prior to such repeal or modification.

EIGHTH: Meetings of stockholders may be held within or without the State of Delaware, as the By-Laws may provide. The books of the Corporation may be kept (subject to any provision contained in the GCL) outside the State of Delaware at such place or places as may be designated from time to time by the Board of Directors or in the By-Laws of the Corporation.

NINTH: The Corporation reserves the right to amend, alter, change or repeal any provision contained in this Certificate of Incorporation, in the manner now or hereafter prescribed by statute, and all rights conferred upon stockholders herein are granted subject to this reservation.

2

I, THE UNDERSIGNED, being the Sole Incorporator hereinbefore named, for the purpose of forming a corporation pursuant to the GCL, do make this Certificate, hereby declaring and certifying that this is my act and deed and the facts herein stated are true, and accordingly have hereunto set my hand this 22nd day of August, 2002.

/s/ M. MARTHA SHERRY

M. Martha Sherry
Sole Incorporator

3

QuickLinks

[Exhibit 3.25](#)

BY-LAWS

OF

BALL PAN-EUROPEAN HOLDINGS, INC.

(hereinafter called the "Corporation")

ARTICLE I

OFFICES

Section 1. *Registered Office.* The registered office of the Corporation shall be in the City of Wilmington, County of New Castle, State of Delaware.

Section 2. *Other Offices.* The Corporation may also have offices at such other places both within and without the State of Delaware as the Board of Directors may from time to time determine.

ARTICLE II

MEETINGS OF STOCKHOLDERS

Section 1. *Place of Meetings.* Meetings of the stockholders for the election of directors or for any other purpose shall be held at such time and place, either within or without the State of Delaware as shall be designated from time to time by the Board of Directors.

Section 2. *Annual Meetings.* The Annual Meetings of Stockholders for the election of directors shall be held on such date and at such time as shall be designated from time to time by the Board of Directors. Any other proper business may be transacted at the Annual Meeting of Stockholders.

Section 3. *Special Meetings.* Unless otherwise required by law or by the certificate of incorporation of the Corporation, as amended and restated from time to time (the "Certificate of Incorporation"), Special Meetings of Stockholders, for any purpose or purposes, may be called by either (i) the Chairman, if there be one, or (ii) the President, (iii) any Vice President, if there be one, (iv) the Secretary or (v) any Assistant Secretary, if there be one, and shall be called by any such officer at the request in writing of (i) the Board of Directors, (ii) a committee of the Board of Directors that has been duly designated by the Board of Directors and whose powers and authority include the power to call such meetings or (iii) stockholders owning a majority of the capital stock of the Corporation issued and outstanding and entitled to vote. Such request shall state the purpose or purposes of the proposed meeting. At a Special Meeting of Stockholders, only such business shall be conducted as shall be specified in the notice of meeting (or any supplement thereto).

Section 4. *Notice.* Whenever stockholders are required or permitted to take any action at a meeting, a written notice of the meeting shall be given which shall state the place, date and hour of the meeting, and, in the case of a special meeting, the purpose or purposes for which the meeting is called. Unless otherwise required by law, the written notice of any meeting shall be given not less than ten nor more than sixty days before the date of the meeting to each stockholder entitled to vote at such meeting.

Section 5. *Adjournments.* Any meeting of the stockholders may be adjourned from time to time to reconvene at the same or some other place, and notice need not be given of any such adjourned meeting if the time and place thereof are announced at the meeting at which the adjournment is taken. At the adjourned meeting, the Corporation may transact any business which might have been transacted at the original meeting. If the adjournment is for more than thirty days, or if after the adjournment a new record date is fixed for the adjourned meeting, notice of the adjourned meeting shall be given to each stockholder of record entitled to vote at the meeting.

Section 6. *Quorum.* Unless otherwise required by law or the Certificate of Incorporation, the holders of a majority of the capital stock issued and outstanding and entitled to vote thereat, present in person or represented by proxy, shall constitute a quorum at all meetings of the stockholders for the transaction of business. A quorum, once established, shall not be broken by the withdrawal of enough votes to leave less than a quorum. If, however, such quorum shall not be present or represented at any meeting of the stockholders, the stockholders entitled to vote thereat, present in person or represented by proxy, shall have power to adjourn the meeting from time to time, in the manner provided in Section 5, until a quorum shall be present or represented.

Section 7. *Voting.* Unless otherwise required by law, the Certificate of Incorporation or these By-laws, any question brought before any meeting of stockholders, other than the election of directors, shall be decided by the vote of the holders of a majority of the total number of votes of the capital stock represented and entitled to vote thereat, voting as a single class. Unless otherwise provided in the Certificate of Incorporation, and subject to Section 5 of Article V hereof, each stockholder represented at a meeting of stockholders shall be entitled to cast one vote for each share of the capital stock entitled to vote thereat held by such stockholder. Such votes may be cast in person or by proxy but no proxy shall be voted on or after three years from its date, unless such proxy provides for a longer period. The Board of Directors, in its discretion, or the officer of the Corporation presiding at a meeting of stockholders, in such officer's discretion, may require that any votes cast at such meeting shall be cast by written ballot.

Section 8. *Consent of Stockholders in Lieu of Meeting.* Unless otherwise provided in the Certificate of Incorporation, any action required or permitted to be taken at any Annual or Special Meeting of Stockholders of the Corporation, may be taken without a meeting, without prior notice and without a vote, if a consent or consents in writing, setting forth the action so taken, shall be signed by the holders of outstanding stock having not less than the minimum number of votes that would be necessary to authorize or take such action at a meeting at which all shares entitled to vote thereon were present and voted and shall be delivered to the Corporation by delivery to its registered office in the State of Delaware, its principal place of business, or an officer or agent of the corporation having custody of the book in which proceedings of meetings of stockholders are recorded. Delivery made to the Corporation's registered office shall be by hand or by certified or registered mail, return receipt requested. Every written consent shall bear the date of signature of each stockholder who signs the consent and no written consent shall be effective to take the corporate action referred to therein unless, within sixty days of the earliest dated consent delivered in the manner required by this Section 8 to the Corporation, written consents signed by a sufficient number of holders to take action are delivered to the Corporation by delivery to its registered office in the state of Delaware, its principal place of business, or an officer or agent of the Corporation having custody of the book in which proceedings of meetings of stockholders are recorded. Prompt notice of the taking of the corporate action without a meeting by less than unanimous written consent shall be given

to those stockholders who have not consented in writing and who, if the action had been taken at a meeting, would have been entitled to notice of the meeting if the record date for such meeting had been the date that written consents signed by a sufficient number of holders to take the action were delivered to the Corporation as provided above in this section.

Section 9. *List of Stockholders Entitled to Vote.* The officer of the Corporation who has charge of the stock ledger of the Corporation shall prepare and make, at least ten days before every meeting of stockholders, a complete list of the stockholders entitled to vote at the meeting, arranged in alphabetical order, and showing the address of each stockholder and the number of shares registered in the name of each stockholder. Such list shall be open to the examination of any stockholder, for any purpose germane to the meeting, during ordinary business hours, for a period of at least ten days prior to the meeting either at a place within the city where the meeting is to be held, which place shall be specified in the notice of the meeting, or, if not so specified, at the place where the meeting is to be

2

held. The list shall also be produced and kept at the time and place of the meeting during the whole time thereof, and may be inspected by any stockholder of the Corporation who is present.

Section 10. *Stock Ledger.* The stock ledger of the Corporation shall be the only evidence as to who are the stockholders entitled to examine the stock ledger, the list required by Section 9 of this Article II or the books of the Corporation, or to vote in person or by proxy at any meeting of stockholders.

Section 11. *Conduct of Meetings.* The Board of Directors of the Corporation may adopt by resolution such rules and regulations for the conduct of the meeting of the stockholders as it shall deem appropriate. Except to the extent inconsistent with such rules and regulations as adopted by the Board of Directors, the chairman of any meeting of the stockholders shall have the right and authority to prescribe such rules, regulations and procedures and to do all such acts as, in the judgment of such chairman, are appropriate for the proper conduct of the meeting. Such rules, regulations or procedures, whether adopted by the Board of Directors or prescribed by the chairman of the meeting, may include, without limitation, the following: (i) the establishment of an agenda or order of business for the meeting; (ii) the determination of when the polls shall open and close for any given matter to be voted on at the meeting; (iii) rules and procedures for maintaining order at the meeting and the safety of those present; (iv) limitations on attendance at or participation in the meeting to stockholders of record of the corporation, their duly authorized and constituted proxies or such other persons as the chairman of the meeting shall determine; (v) restrictions on entry to the meeting after the time fixed for the commencement thereof; and (vi) limitations on the time allotted to questions or comments by participants.

ARTICLE III

DIRECTORS

Section 1. *Number and Election of Directors.* The Board of Directors shall consist of not less than one nor more than fifteen members, the exact number of which shall initially be fixed by the Incorporator and thereafter from time to time by the Board of Directors. Except as provided in Section 2 of this Article III, directors shall be elected by a plurality of the votes cast at the Annual Meetings of Stockholders and each director so elected shall hold office until the next Annual Meeting of Stockholders and until such director's successor is duly elected and qualified, or until such director's earlier death, resignation or removal. Any director may resign at any time upon written notice to the Corporation. Directors need not be stockholders.

Section 2. *Vacancies.* Unless otherwise required by law or the Certificate of Incorporation, vacancies arising through death, resignation, removal, an increase in the number of directors or otherwise may be filled only by a majority of the directors then in office, though less than a quorum, or by a sole remaining director, and the directors so chosen shall hold office until the next annual election and until their successors are duly elected and qualified, or until their earlier death, resignation or removal.

Section 3. *Duties and Powers.* The business and affairs of the Corporation shall be managed by or under the direction of the Board of Directors which may exercise all such powers of the Corporation and do all such lawful acts and things as are not by statute or by the Certificate of Incorporation or by these By-Laws required to be exercised or done by the stockholders.

Section 4. *Meetings.* The Board of Directors may hold meetings, both regular and special, either within or without the State of Delaware. Regular meetings of the Board of Directors may be held without notice at such time and at such place as may from time to time be determined by the Board of Directors. Special meetings of the Board of Directors may be called by the Chairman, if there be one, the President, or by any director. Notice thereof stating the place, date and hour of the meeting shall

3

be given to each director either by mail not less than forty-eight (48) hours before the date of the meeting, by telephone or telegram on twenty-four (24) hours' notice, or on such shorter notice as the person or persons calling such meeting may deem necessary or appropriate in the circumstances.

Section 5. *Quorum.* Except as otherwise required by law or the Certificate of Incorporation, at all meetings of the Board of Directors, a majority of the entire Board of Directors shall constitute a quorum for the transaction of business and the act of a majority of the directors present at any meeting at which there is a quorum shall be the act of the Board of Directors. If a quorum shall not be present at any meeting of the Board of Directors, the directors present thereat may adjourn the meeting from time to time, without notice other than announcement at the meeting of the time and place of the adjourned meeting, until a quorum shall be present.

Section 6. *Actions by Written Consent.* Unless otherwise provided in the Certificate of Incorporation, or these By-Laws, any action required or permitted to be taken at any meeting of the Board of Directors or of any committee thereof may be taken without a meeting, if all the members of the Board of Directors or committee, as the case may be, consent thereto in writing, and the writing or writings are filed with the minutes of proceedings of the Board of Directors or committee.

Section 7. *Meetings by Means of Conference Telephone.* Unless otherwise provided in the Certificate of Incorporation, members of the Board of Directors of the Corporation, or any committee thereof, may participate in a meeting of the Board of Directors or such committee by means of a conference telephone or similar communications equipment by means of which all persons participating in the meeting can hear each other, and participation in a meeting pursuant to this Section 7 shall constitute presence in person at such meeting.

Section 8. *Committees.* The Board of Directors may designate one or more committees, each committee to consist of one or more of the directors of the Corporation. The Board of Directors may designate one or more directors as alternate members of any committee, who may replace any absent or disqualified member at any meeting of any such committee. In the absence or disqualification of a member of a committee, and in the absence of a designation by the Board of Directors of an alternate member to replace the absent or disqualified member, the member or members thereof present at any meeting and not disqualified from voting, whether or not such member or members constitute a quorum, may unanimously appoint another member of the Board of Directors to act at the meeting in the place of any absent or disqualified member. Any committee, to the extent permitted by law and provided in the resolution establishing such committee, shall have and may exercise all the powers and authority of the Board of Directors in the management

of the business and affairs of the Corporation, and may authorize the seal of the Corporation to be affixed to all papers which may require it. Each committee shall keep regular minutes and report to the Board of Directors when required.

Section 9. *Compensation.* The directors may be paid their expenses, if any, of attendance at each meeting of the Board of Directors and may be paid a fixed sum for attendance at each meeting of the Board of Directors or a stated salary as director, payable in cash or securities. No such payment shall preclude any director from serving the Corporation in any other capacity and receiving compensation therefor. Members of special or standing committees may be allowed like compensation for attending committee meetings.

Section 10. *Interested Directors.* No contract or transaction between the Corporation and one or more of its directors or officers, or between the Corporation and any other corporation, partnership, association, or other organization in which one or more of its directors or officers are directors or officers or have a financial interest, shall be void or voidable solely for this reason, or solely because the director or officer is present at or participates in the meeting of the Board of Directors or committee thereof which authorizes the contract or transaction, or solely because the director or officer's vote is counted for such purpose if (i) the material facts as to the director or officer's relationship or interest and as to the contract or transaction are disclosed or are known to the Board of

4

Directors or the committee, and the Board of Directors or committee in good faith authorizes the contract or transaction by the affirmative votes of a majority of the disinterested directors, even though the disinterested directors be less than a quorum; or (ii) the material facts as to the director or officer's relationship or interest and as to the contract or transaction are disclosed or are known to the stockholders entitled to vote thereon, and the contract or transaction is specifically approved in good faith by vote of the stockholders; or (iii) the contract or transaction is fair as to the Corporation as of the time it is authorized, approved or ratified by the Board of Directors, a committee thereof or the stockholders. Common or interested directors may be counted in determining the presence of a quorum at a meeting of the Board of Directors or of a committee which authorizes the contract or transaction.

ARTICLE IV

OFFICERS

Section 1. *General.* The officers of the Corporation shall be chosen by the Board of Directors and shall be a President, a Secretary and a Treasurer. The Board of Directors, in its discretion, also may choose a Chairman of the Board of Directors (who must be a director) and one or more Vice Presidents, Assistant Secretaries, Assistant Treasurers and other officers. Any number of offices may be held by the same person, unless otherwise prohibited by law or the Certificate of Incorporation. The officers of the Corporation need not be stockholders of the Corporation nor, except in the case of the Chairman of the Board of Directors, need such officers be directors of the Corporation.

Section 2. *Election.* The Board of Directors, at its first meeting held after each Annual Meeting of Stockholders (or action by written consent of stockholders in lieu of the Annual Meeting of Stockholders), shall elect the officers of the Corporation who shall hold their offices for such terms and shall exercise such powers and perform such duties as shall be determined from time to time by the Board of Directors; and all officers of the Corporation shall hold office until their successors are chosen and qualified, or until their earlier death, resignation or removal. Any officer elected by the Board of Directors may be removed at any time by the affirmative vote of the Board of Directors. Any vacancy occurring in any office of the Corporation shall be filled by the Board of Directors. The salaries of all officers of the Corporation shall be fixed by the Board of Directors.

Section 3. *Voting Securities Owned by the Corporation.* Powers of attorney, proxies, waivers of notice of meeting, consents and other instruments relating to securities owned by the Corporation may be executed in the name of and on behalf of the Corporation by the President or any Vice President or any other officer authorized to do so by the Board of Directors and any such officer may, in the name of and on behalf of the Corporation, take all such action as any such officer may deem advisable to vote in person or by proxy at any meeting of security holders of any corporation in which the Corporation may own securities and at any such meeting shall possess and may exercise any and all rights and power incident to the ownership of such securities and which, as the owner thereof, the Corporation might have exercised and possessed if present. The Board of Directors may, by resolution, from time to time confer like powers upon any other person or persons.

Section 4. *Chairman of the Board of Directors.* The Chairman of the Board of Directors, if there be one, shall preside at all meetings of the stockholders and of the Board of Directors. The Chairman of the Board of Directors shall be the Chief Executive Officer of the Corporation, unless the Board of Directors designates the President as the Chief Executive Officer, and, except where by law the signature of the President is required, the Chairman of the Board of Directors shall possess the same power as the President to sign all contracts, certificates and other instruments of the Corporation which may be authorized by the Board of Directors. During the absence or disability of the President, the Chairman of the Board of Directors shall exercise all the powers and discharge all the duties of the President. The Chairman of the Board of Directors shall also perform such other duties and may exercise such other powers as may from time to time be assigned by these By-Laws or by the Board of Directors.

5

Section 5. *President.* The President shall, subject to the control of the Board of Directors and, if there be one, the Chairman of the Board of Directors, have general supervision of the business of the Corporation and shall see that all orders and resolutions of the Board of Directors are carried into effect. The President shall execute all bonds, mortgages, contracts and other instruments of the Corporation requiring a seal, under the seal of the Corporation, except where required or permitted by law to be otherwise signed and executed and except that the other officers of the Corporation may sign and execute documents when so authorized by these By-Laws, the Board of Directors or the President. In the absence or disability of the Chairman of the Board of Directors, or if there be none, the President shall preside at all meetings of the stockholders and the Board of Directors. If there be no Chairman of the Board of Directors, or if the Board of Directors shall otherwise designate, the President shall be the Chief Executive Officer of the Corporation. The President shall also perform such other duties and may exercise such other powers as may from time to time be assigned to such officer by these By-Laws or by the Board of Directors.

Section 6. *Vice Presidents.* At the request of the President or in the President's absence or in the event of the President's inability or refusal to act (and if there be no Chairman of the Board of Directors), the Vice President, or the Vice Presidents if there is more than one (in the order designated by the Board of Directors), shall perform the duties of the President, and when so acting, shall have all the powers of and be subject to all the restrictions upon the President. Each Vice President shall perform such other duties and have such other powers as the Board of Directors from time to time may prescribe. If there be no Chairman of the Board of Directors and no Vice President, the Board of Directors shall designate the officer of the Corporation who, in the absence of the President or in the event of the inability or refusal of the President to act, shall perform the duties of the President, and when so acting, shall have all the powers of and be subject to all the restrictions upon the President.

Section 7. *Secretary.* The Secretary shall attend all meetings of the Board of Directors and all meetings of stockholders and record all the proceedings thereat in a book or books to be kept for that purpose; the Secretary shall also perform like duties for committees of the Board of Directors when required. The Secretary shall give, or cause to be given, notice of all meetings of the stockholders and special meetings of the Board of Directors, and shall perform such other duties as may be prescribed by the Board of Directors, the Chairman of the Board of Directors or the President, under whose supervision the Secretary shall be. If the Secretary shall be unable or shall refuse to cause to be given notice of all meetings of the stockholders and special meetings of the Board of Directors, and if there be no Assistant Secretary, then either the Board of Directors or the President may choose

another officer to cause such notice to be given. The Secretary shall have custody of the seal of the Corporation and the Secretary or any Assistant Secretary, if there be one, shall have authority to affix the same to any instrument requiring it and when so affixed, it may be attested by the signature of the Secretary or by the signature of any such Assistant Secretary. The Board of Directors may give general authority to any other officer to affix the seal of the Corporation and to attest to the affixing by such officer's signature. The Secretary shall see that all books, reports, statements, certificates and other documents and records required by law to be kept or filed are properly kept or filed, as the case may be.

Section 8. *Treasurer.* The Treasurer shall have the custody of the corporate funds and securities and shall keep full and accurate accounts of receipts and disbursements in books belonging to the Corporation and shall deposit all moneys and other valuable effects in the name and to the credit of the Corporation in such depositories as may be designated by the Board of Directors. The Treasurer shall disburse the funds of the Corporation as may be ordered by the Board of Directors, taking proper vouchers for such disbursements, and shall render to the President and the Board of Directors, at its regular meetings, or when the Board of Directors so requires, an account of all transactions as Treasurer and of the financial condition of the Corporation. If required by the Board of Directors, the Treasurer shall give the Corporation a bond in such sum and with such surety or sureties as shall be

6

satisfactory to the Board of Directors for the faithful performance of the duties of the office of the Treasurer and for the restoration to the Corporation, in case of the Treasurer's death, resignation, retirement or removal from office, of all books, papers, vouchers, money and other property of whatever kind in the Treasurer's possession or under the Treasurer's control belonging to the Corporation.

Section 9. *Assistant Secretaries.* Assistant Secretaries, if there be any, shall perform such duties and have such powers as from time to time may be assigned to them by the Board of Directors, the President, any Vice President, if there be one, or the Secretary, and in the absence of the Secretary or in the event of the Secretary's disability or refusal to act, shall perform the duties of the Secretary, and when so acting, shall have all the powers of and be subject to all the restrictions upon the Secretary.

Section 10. *Assistant Treasurers.* Assistant Treasurers, if there be any, shall perform such duties and have such powers as from time to time may be assigned to them by the Board of Directors, the President, any Vice President, if there be one, or the Treasurer, and in the absence of the Treasurer or in the event of the Treasurer's disability or refusal to act, shall perform the duties of the Treasurer, and when so acting, shall have all the powers of and be subject to all the restrictions upon the Treasurer. If required by the Board of Directors, an Assistant Treasurer shall give the Corporation a bond in such sum and with such surety or sureties as shall be satisfactory to the Board of Directors for the faithful performance of the duties of the office of Assistant Treasurer and for the restoration to the Corporation, in case of the Assistant Treasurer's death, resignation, retirement or removal from office, of all books, papers, vouchers, money and other property of whatever kind in the Assistant Treasurer's possession or under the Assistant Treasurer's control belonging to the Corporation.

Section 11. *Other Officers.* Such other officers as the Board of Directors may choose shall perform such duties and have such powers as from time to time may be assigned to them by the Board of Directors. The Board of Directors may delegate to any other officer of the Corporation the power to choose such other officers and to prescribe their respective duties and powers.

ARTICLE V

STOCK

Section 1. *Form of Certificates.* Every holder of stock in the Corporation shall be entitled to have a certificate signed, in the name of the Corporation (i) by the Chairman of the Board of Directors, the President or a Vice President and (ii) by the Treasurer or an Assistant Treasurer, or the Secretary or an Assistant Secretary of the Corporation, certifying the number of shares owned by such stockholder in the Corporation.

Section 2. *Signatures.* Any or all of the signatures on a certificate may be a facsimile. In case any officer, transfer agent or registrar who has signed or whose facsimile signature has been placed upon a certificate shall have ceased to be such officer, transfer agent or registrar before such certificate is issued, it may be issued by the Corporation with the same effect as if such person were such officer, transfer agent or registrar at the date of issue.

Section 3. *Lost Certificates.* The Board of Directors may direct a new certificate to be issued in place of any certificate theretofore issued by the Corporation alleged to have been lost, stolen or destroyed, upon the making of an affidavit of that fact by the person claiming the certificate of stock to be lost, stolen or destroyed. When authorizing such issue of a new certificate, the Board of Directors may, in its discretion and as a condition precedent to the issuance thereof, require the owner of such lost, stolen or destroyed certificate, or the owner's legal representative, to advertise the same in such manner as the Board of Directors shall require and/or to give the Corporation a bond in such sum as it may direct as indemnity against any claim that may be made against the Corporation with respect to the certificate alleged to have been lost, stolen or destroyed or the issuance of such new certificate.

7

Section 4. *Transfers.* Stock of the Corporation shall be transferable in the manner prescribed by law and in these By-Laws. Transfers of stock shall be made on the books of the Corporation only by the person named in the certificate or by such person's attorney lawfully constituted in writing and upon the surrender of the certificate therefor, which shall be cancelled before a new certificate shall be issued. No transfer of stock shall be valid as against the Corporation for any purpose until it shall have been entered in the stock records of the Corporation by an entry showing from and to whom transferred.

Section 5. *Record Date.*

(a) In order that the Corporation may determine the stockholders entitled to notice of or to vote at any meeting of stockholders or any adjournment thereof, the board of directors may fix a record date, which record date shall not precede the date upon which the resolution fixing the record date is adopted by the Board of Directors, and which record date shall not be more than sixty nor less than ten days before the date of such meeting. If no record date is fixed by the Board of Directors, the record date for determining stockholders entitled to notice of or to vote at a meeting of stockholders shall be at the close of business on the day next preceding the day on which notice is given, or, if notice is waived, at the close of business on the day next preceding the day on which the meeting is held. A determination of stockholders of record entitled to notice of or to vote at a meeting of stockholders shall apply to any adjournment of the meeting; providing, however, that the Board of Directors may fix a new record date for the adjourned meeting.

(b) In order that the Corporation may determine the stockholders entitled to consent to corporate action in writing without a meeting, the Board of Directors may fix a record date, which record date shall not precede the date upon which the resolution fixing the record date is adopted by the Board of Directors, and which record date shall not be more than ten days after the date upon which the resolution fixing the record date is adopted by the Board of Directors. If no record date has been fixed by the Board of Directors, the record date for determining stockholders entitled to consent to corporate action in writing without a meeting, when no prior action by the Board of Directors is required by law, shall

be the first date on which a signed written consent setting forth the action taken or proposed to be taken is delivered to the Corporation by delivery to its registered office in this State, its principal place of business, or an officer or agent of the Corporation having custody of the book in which proceedings of meetings of stockholders are recorded. Delivery made to a corporation's registered office shall be by hand or by certified or registered mail, return receipt requested. If no record date has been fixed by the Board of Directors and prior action by the Board of Directors is required by law, the record date for determining stockholders entitled to consent to corporate action in writing without a meeting shall be at the close of business on the day on which the Board of Directors adopts the resolutions taking such prior action.

(c) In order that the Corporation may determine the stockholders entitled to receive payment of any dividend or other distribution or allotment of any rights or the stockholders entitled to exercise any rights in respect of any change, conversion or exchange of stock, or for the purpose of any other lawful action, the Board of Directors may fix a record date, which record date shall not precede the date upon which the resolution fixing the record date is adopted, and which record date shall be not more than sixty days prior to such action. If no record date is fixed, the record date for determining stockholders for any such purpose shall be at the close of business on the day on which the Board of Directors adopts the resolution relating thereto.

Section 6. *Record Owners.* The Corporation shall be entitled to recognize the exclusive right of a person registered on its books as the owner of shares to receive dividends, and to vote as such owner, and to hold liable for calls and assessments a person registered on its books as the owner of shares, and shall not be bound to recognize any equitable or other claim to or interest in such share or shares

8

on the part of any other person, whether or not it shall have express or other notice thereof, except as otherwise required by law.

ARTICLE VI

NOTICES

Section 1. *Notices.* Whenever written notice is required by law, the Certificate of Incorporation or these By-Laws, to be given to any director, member of a committee or stockholder, such notice may be given by mail, addressed to such director, member of a committee or stockholder, at such person's address as it appears on the records of the Corporation, with postage thereon prepaid, and such notice shall be deemed to be given at the time when the same shall be deposited in the United States mail. Written notice may also be given personally or by telegram, telex or cable.

Section 2. *Waivers of Notice.* Whenever any notice is required by law, the Certificate of Incorporation or these By-Laws, to be given to any director, member of a committee or stockholder, a waiver thereof in writing, signed, by the person or persons entitled to said notice, whether before or after the time stated therein, shall be deemed equivalent thereto. Attendance of a person at a meeting, present in person or represented by proxy, shall constitute a waiver of notice of such meeting, except where the person attends the meeting for the express purpose of objecting at the beginning of the meeting to the transaction of any business because the meeting is not lawfully called or convened.

ARTICLE VII

GENERAL PROVISIONS

Section 1. *Dividends.* Dividends upon the capital stock of the Corporation, subject to the requirements of the DGCL and the provisions of the Certificate of Incorporation, if any, may be declared by the Board of Directors at any regular or special meeting of the Board of Directors (or any action by written consent in lieu thereof in accordance with Section 6 of Article III hereof), and may be paid in cash, in property, or in shares of the Corporation's capital stock. Before payment of any dividend, there may be set aside out of any funds of the Corporation available for dividends such sum or sums as the Board of Directors from time to time, in its absolute discretion, deems proper as a reserve or reserves to meet contingencies, or for equalizing dividends, or for repairing or maintaining any property of the Corporation, or for any proper purpose, and the Board of Directors may modify or abolish any such reserve.

Section 2. *Disbursements.* All checks or demands for money and notes of the Corporation shall be signed by such officer or officers or such other person or persons as the Board of Directors may from time to time designate.

Section 3. *Fiscal Year.* The fiscal year of the Corporation shall be fixed by resolution of the Board of Directors.

Section 4. *Corporate Seal.* The corporate seal shall have inscribed thereon the name of the Corporation, the year of its organization and the words "Corporate Seal, Delaware". The seal may be used by causing it or a facsimile thereof to be impressed or affixed or reproduced or otherwise.

ARTICLE VIII

INDEMNIFICATION

Section 1. *Power to Indemnify in Actions, Suits or Proceedings other than Those by or in the Right of the Corporation.* Subject to Section 3 of this Article VIII, the Corporation shall indemnify any person who was or is a party or is threatened to be made a party to any threatened, pending or completed action, suit or proceeding, whether civil, criminal, administrative or investigative (other than an action

9

by or in the right of the Corporation) by reason of the fact that such person is or was a director or officer of the Corporation, or is or was a director or officer of the Corporation serving at the request of the Corporation as a director or officer, employee or agent of another corporation, partnership, joint venture, trust, employee benefit plan or other enterprise, against expenses (including attorneys' fees), judgments, fines and amounts paid in settlement actually and reasonably incurred by such person in connection with such action, suit or proceeding if such person acted in good faith and in a manner such person reasonably believed to be in or not opposed to the best interests of the Corporation, and, with respect to any criminal action or proceeding, had no reasonable cause to believe such person's conduct was unlawful. The termination of any action, suit or proceeding by judgment, order, settlement, conviction, or upon a plea of nolo contendere or its equivalent, shall not, of itself, create a presumption that the person did not act in good faith and in a manner which such person reasonably believed to be in or not opposed to the best interests of the Corporation, and, with respect to any criminal action or proceeding, had reasonable cause to believe that such person's conduct was unlawful.

Section 2. *Power to Indemnify in Actions, Suits or Proceedings by or in the Right of the Corporation.* Subject to Section 3 of this Article VIII, the Corporation shall indemnify any person who was or is a party or is threatened to be made a party to any threatened, pending or completed action or suit by or in the right of the Corporation to procure a judgment in its favor by reason of the fact that such person is or was a director or officer of the Corporation, or is or was a director or officer of the Corporation serving at the request of the Corporation as a director, officer, employee or agent of another corporation, partnership, joint venture, trust, employee benefit plan or other enterprise against expenses (including attorneys' fees) actually and reasonably incurred by such person in connection with the defense or settlement of such action or suit if such person acted in good faith and in a manner such person reasonably believed to be in or not opposed to the best interests of the Corporation; except that no indemnification shall be made in respect of any claim, issue or matter as to which such person shall have been adjudged to be liable to the Corporation unless and only to the extent that the Court of Chancery or the court in which such action or suit was brought shall determine upon application that, despite the adjudication of liability but in view of all the circumstances of the case, such person is fairly and reasonably entitled to indemnity for such expenses which the Court of Chancery or such other court shall deem proper.

Section 3. *Authorization of Indemnification.* Any indemnification under this Article VIII (unless ordered by a court) shall be made by the Corporation only as authorized in the specific case upon a determination that indemnification of the director or officer is proper in the circumstances because such person has met the applicable standard of conduct set forth in Section 1 or Section 2 of this Article VIII, as the case may be. Such determination shall be made (i) by a majority vote of the directors who are not parties to such action, suit or proceeding, even though less than a quorum, or (ii) if there are no such directors, or if such directors so direct, by independent legal counsel in a written opinion or (iii) by the stockholders. To the extent, however, that a director or officer of the Corporation has been successful on the merits or otherwise in defense of any action, suit or proceeding described above, or in defense of any claim, issue or matter therein, such person shall be indemnified against expenses (including attorneys' fees) actually and reasonably incurred by such person in connection therewith, without the necessity of authorization in the specific case.

Section 4. *Good Faith Defined.* For purposes of any determination under Section 3 of this Article VIII, a person shall be deemed to have acted in good faith and in a manner such person reasonably believed to be in or not opposed to the best interests of the Corporation, or, with respect to any criminal action or proceeding, to have had no reasonable cause to believe such person's conduct was unlawful, if such person's action is based on the records or books of account of the Corporation or another enterprise, or on information supplied to such person by the officers of the Corporation or another enterprise in the course of their duties, or on the advice of legal counsel for the Corporation or another enterprise or on information or records given or reports made to the Corporation or

10

another enterprise by an independent certified public accountant or by an appraiser or other expert selected with reasonable care by the Corporation or another enterprise. The term "another enterprise" as used in this Section 4 shall mean any other corporation or any partnership, joint venture, trust, employee benefit plan or other enterprise of which such person is or was serving at the request of the Corporation as a director, officer, employee or agent. The provisions of this Section 4 shall not be deemed to be exclusive or to limit in any way the circumstances in which a person may be deemed to have met the applicable standard of conduct set forth in Section 1 or 2 of this Article VIII, as the case may be.

Section 5. *Indemnification by a Court.* Notwithstanding any contrary determination in the specific case under Section 3 of this Article VIII, and notwithstanding the absence of any determination thereunder, any director or officer may apply to the Court of Chancery in the State of Delaware for indemnification to the extent otherwise permissible under Sections 1 and 2 of this Article VIII. The basis of such indemnification by a court shall be a determination by such court that indemnification of the director or officer is proper in the circumstances because such person has met the applicable standards of conduct set forth in Section 1 or 2 of this Article VIII, as the case may be. Neither a contrary determination in the specific case under Section 3 of this Article VIII nor the absence of any determination thereunder shall be a defense to such application or create a presumption that the director or officer seeking indemnification has not met any applicable standard of conduct. Notice of any application for indemnification pursuant to this Section 5 shall be given to the Corporation promptly upon the filing of such application. If successful, in whole or in part, the director or officer seeking indemnification shall also be entitled to be paid the expense of prosecuting such application.

Section 6. *Expenses Payable in Advance.* Expenses incurred by a director or officer in defending any civil, criminal, administrative or investigative action, suit or proceeding shall be paid by the Corporation in advance of the final disposition of such action, suit or proceeding upon receipt of an undertaking by or on behalf of such director or officer to repay such amount if it shall ultimately be determined that such person is not entitled to be indemnified by the Corporation as authorized in this Article VIII.

Section 7. *Nonexclusivity of Indemnification and Advancement of Expenses.* The indemnification and advancement of expenses provided by or granted pursuant to this Article VIII shall not be deemed exclusive of any other rights to which those seeking indemnification or advancement of expenses may be entitled under the Certificate of Incorporation, any By-Law, agreement, vote of stockholders or disinterested directors or otherwise, both as to action in such person's official capacity and as to action in another capacity while holding such office, it being the policy of the Corporation that indemnification of the persons specified in Sections 1 and 2 of this Article VIII shall be made to the fullest extent permitted by law. The provisions of this Article VIII shall not be deemed to preclude the indemnification of any person who is not specified in Section 1 or 2 of this Article VIII but whom the Corporation has the power or obligation to indemnify under the provisions of the General Corporation Law of the State of Delaware, or otherwise.

Section 8. *Insurance.* The Corporation may purchase and maintain insurance on behalf of any person who is or was a director or officer of the Corporation, or is or was a director or officer of the Corporation serving at the request of the Corporation as a director, officer, employee or agent of another corporation, partnership, joint venture, trust, employee benefit plan or other enterprise against any liability asserted against such person and incurred by such person in any such capacity, or arising out of such person's status as such, whether or not the Corporation would have the power or the obligation to indemnify such person against such liability under the provisions of this Article VIII.

Section 9. *Certain Definitions.* For purposes of this Article VIII, references to "the Corporation" shall include, in addition to the resulting corporation, any constituent corporation (including any constituent of a constituent) absorbed in a consolidation or merger which, if its separate existence had

11

continued, would have had power and authority to indemnify its directors or officers, so that any person who is or was a director or officer of such constituent corporation, or is or was a director or officer of such constituent corporation serving at the request of such constituent corporation as a director, officer, employee or agent of another corporation, partnership, joint venture, trust, employee benefit plan or other enterprise, shall stand in the same position under the provisions of this Article VIII with respect to the resulting or surviving corporation as such person would have with respect to such constituent corporation if its separate existence had continued. For purposes of this Article VIII, references to "fines" shall include any excise taxes assessed on a person with respect to an employee benefit plan; and references to "serving at the request of the Corporation" shall include any service as a director, officer, employee or agent of the Corporation which imposes duties on, or involves services by, such director or officer with respect to an employee benefit plan, its participants or beneficiaries; and a person who acted in good faith and in a manner such person reasonably believed to be in the interest of the participants and beneficiaries of an employee benefit plan shall be deemed to have acted in a manner "not opposed to the best interests of the Corporation" as referred to in this Article VIII.

Section 10. *Survival of Indemnification and Advancement of Expenses.* The indemnification and advancement of expenses provided by, or granted pursuant to, this Article VIII shall, unless otherwise provided when authorized or ratified, continue as to a person who has ceased to be a director or officer and shall inure to the benefit of the heirs, executors and administrators of such a person.

Section 11. *Limitation on Indemnification.* Notwithstanding anything contained in this Article VIII to the contrary, except for proceedings to enforce rights to indemnification (which shall be governed by Section 5 hereof), the Corporation shall not be obligated to indemnify any director or officer in connection with a proceeding (or part

thereof) initiated by such person unless such proceeding (or part thereof) was authorized or consented to by the Board of Directors of the Corporation.

Section 12. *Indemnification of Employees and Agents.* The Corporation may, to the extent authorized from time to time by the Board of Directors, provide rights to indemnification and to the advancement of expenses to employees and agents of the Corporation similar to those conferred in this Article VIII to directors and officers of the Corporation.

ARTICLE IX

AMENDMENTS

Section 1. *Amendments.* These By-Laws may be altered, amended or repealed, in whole or in part, or new By-Laws may be adopted by the stockholders or by the Board of Directors, provided, however, that notice of such alteration, amendment, repeal or adoption of new By-Laws be contained in the notice of such meeting of stockholders or Board of Directors as the case may be. All such amendments must be approved by either the holders of a majority of the outstanding capital stock entitled to vote thereon or by a majority of the entire Board of Directors then in office.

Section 2. *Entire Board of Directors.* As used in this Article IX and in these By-Laws generally, the term "entire Board of Directors" means the total number of directors which the Corporation would have if there were no vacancies.

QuickLinks

[Exhibit 3.26](#)

[BY-LAWS OF BALL PAN-EUROPEAN HOLDINGS, INC. \(hereinafter called the "Corporation"\)](#)

[ARTICLE I OFFICES](#)

[ARTICLE II MEETINGS OF STOCKHOLDERS](#)

[ARTICLE III DIRECTORS](#)

[ARTICLE IV OFFICERS](#)

[ARTICLE V STOCK](#)

[ARTICLE VI NOTICES](#)

[ARTICLE VII GENERAL PROVISIONS](#)

[ARTICLE VIII INDEMNIFICATION](#)

[ARTICLE IX AMENDMENTS](#)

[Skadden, Arps, Slate, Meagher & Flom (Illinois) Letterhead]

February 7, 2003

Ball Corporation
10 Longs Peak Drive
P.O. Box 5000
Broomfield, Colorado 80038-5000

Re: Ball Corporation
Registration Statement on Form S-4

Ladies and Gentlemen:

We have acted as special counsel to Ball Corporation, an Indiana corporation (the "Company"), in connection with the public offering of \$300,000,000 aggregate principal amount of the Company's 6⁷/₈% Senior Notes Due 2012 (the "Exchange Notes") and related guarantees by the Subsidiary Guarantors (as defined below) (the "Subsidiary Guarantees"). The Exchange Notes are to be issued pursuant to an exchange offer (the "Exchange Offer") in exchange for a like principal amount of the Company's issued and outstanding 6⁷/₈% Senior Notes Due 2012, together with guarantees thereof by the Subsidiary Guarantors (the "Original Notes") under an Indenture dated as of December 19, 2002 (the "Indenture"), among the Company, The Bank of New York, as trustee (the "Trustee") and the Subsidiary Guarantors, as contemplated by the Registration Rights Agreement, dated as of December 19, 2002 (the "Registration Rights Agreement"), by and among the Company, the Subsidiary Guarantors, Lehman Brothers, Inc., Deutsche Bank Securities Inc., Banc of America Securities LLC, Banc One Capital Markets, Inc., BNP Paribas Securities Corp., Dresdner Kleinwort Wasserstein-Grantchester, Inc., McDonald Investments Inc., SunTrust Capital Markets, Inc. and Wells Fargo Brokerage Services, LLC.

Ball Aerospace & Technologies Corp., Ball Metal Food Container Corp., BG Holdings I, Inc., BG Holdings II, Inc., Latas de Aluminio Ball, Inc. and Ball Pan-European Holdings, Inc. are collectively referred to herein as the "Delaware Subsidiary Guarantors." Ball Metal Beverage Container Corp., Ball Metal Packaging Sales Corp., Ball Packaging Corp., Ball Plastic Container Corp., Ball Technologies Holdings Corp. and Efratom Holding, Inc. are collectively referred to herein as the "Non-Delaware Subsidiary Guarantors". The Delaware Subsidiary Guarantors and the Non-Delaware Subsidiary Guarantors are collectively referred to herein as the "Subsidiary Guarantors".

This opinion is being furnished in accordance with the requirements of Item 601(b)(5) of Regulation S-K under the Securities Act of 1933, as amended (the "Act").

In connection with this opinion, we have examined and relied upon originals or copies, certified or otherwise identified to our satisfaction, of (i) the Registration Statement on Form S-4 to be filed with the Securities and Exchange Commission (the "Commission") on the date hereof under the Act (the "Registration Statement"); (ii) an executed copy of the Registration Rights Agreement; (iii) an executed copy of the Indenture; (iv) the Form T-1 of the Trustee to be filed as an exhibit to the Registration Statement; (v) the form of the Exchange Notes; (vi) the form of the Subsidiary Guarantees; and (vii) secretaries' certificates of the Delaware Subsidiary Guarantors. We have also examined originals or copies, certified or otherwise identified to our satisfaction, of such records of the Company and the Subsidiary Guarantors and such agreements, certificates of public officials, certificates of officers or other representatives of the Company and the Subsidiary Guarantors and others, and such other documents, certificates and records as we have deemed necessary or appropriate as a basis for the opinions set forth herein.

Ball Corporation
February 7, 2003
Page 2

In our examination, we have assumed the legal capacity of all natural persons, the genuineness of all signatures, the authenticity of all documents submitted to us as originals, the conformity to original documents of all documents submitted to us as facsimile, electronic, certified, conformed or photostatic copies and the authenticity of the originals of such latter documents. In making our examination of documents executed or to be executed, we have assumed that all parties thereto (excluding the Delaware Subsidiary Guarantors, but including the Company and the Non-Delaware Subsidiary Guarantors), had or will have the power, corporate or other, to enter into and perform all obligations thereunder and have also assumed the due authorization by all requisite action, corporate or other, and the execution and delivery by such parties of such documents and (except to the extent we have opined on such matters below with respect to the Exchange Notes) that such documents constitute valid and binding obligations of such parties. We have also assumed that the Company and the Non-Delaware Subsidiary Guarantors have been duly organized and are validly existing in good standing under the laws of their respective jurisdictions of incorporation and that the Company and the Non-Delaware Subsidiary Guarantors have complied with all aspects of applicable laws of all jurisdictions (including their respective jurisdictions of incorporation) in connection with the transactions contemplated by the Exchange Offer. As to any facts material to the opinions expressed herein which we have not independently established or verified, we have relied upon statements and representations of officers and other representatives of the Company, the Subsidiary Guarantors and others and of public officials.

Our opinions set forth herein are limited to the laws of the State of New York that, in our experience, are normally applicable to transactions of the type contemplated by the Exchange Offer and, to the extent that judicial or regulatory orders or decrees or consents, approvals, licenses, authorizations, validations, filings, recordings or registrations with governmental authorities are relevant, to those required under such laws (all of the foregoing being referred to as "Opined on Law"). We do not express any opinion with respect to the laws of any jurisdiction other than the Opined on Law or as to the effect of any such non-opined on law on the opinions herein stated. We have relied as to matters of New York law on the opinion of Skadden, Arps, Slate, Meagher & Flom LLP dated the date hereof and addressed to us. Donald C. Lewis, Vice President, General Counsel and Assistant Corporate Secretary of the Company, may rely on this opinion in rendering his opinion dated the date hereof and to be filed as Exhibit 5.2 to the Registration Statement.

Based upon and subject to the foregoing and the limitations, qualifications, exceptions and assumptions set forth herein, we are of the opinion that when the Exchange Notes and the Subsidiary Guarantees (both in the form examined by us) have been duly executed and authenticated in accordance with the terms of the Indenture and have been delivered upon consummation of the Exchange Offer against receipt of the Original Notes and related guarantees surrendered in exchange therefor in accordance with the terms of the Exchange Offer, (i) the Exchange Notes will constitute valid and binding obligations of the Company, enforceable against the Company, in accordance with their terms and (ii) each Subsidiary Guarantee will constitute a valid and binding obligation of the Subsidiary Guarantor that is a party thereto, enforceable against such Subsidiary Guarantor in accordance with its terms, except, in each case, to the extent that enforcement thereof may be limited by (i) bankruptcy, insolvency, reorganization, moratorium, fraudulent conveyance or other similar laws now or hereafter in effect relating to creditors' rights generally and (ii) general principles of equity (regardless of whether enforceability is considered in a proceeding at law or in equity).

In rendering the opinions set forth above, we have assumed that the execution and delivery by the Company of the Indenture and the Exchange Notes and the performance by the Company of its obligations thereunder and the execution and delivery by each of the Subsidiary Guarantors of their respective Subsidiary Guarantees and the performance by each Subsidiary Guarantor of its obligations thereunder and under the Indenture do not and will not violate, conflict with or constitute a default under any agreement or instrument to which the Company, the Subsidiary Guarantors or any of their properties are subject, except for those agreements and instruments which have been identified to us by the Company as being material to it and which are listed under Item 21(a) in Part II of the Registration Statement or listed as exhibits to the Company's Annual Report on Form 10-K for the fiscal year ended December 31, 2001, pursuant to Item 14(c) thereof.

We hereby consent to the filing of this opinion with the Commission as an exhibit to the Registration Statement. We also consent to the reference to our firm under the caption "Legal Matters" in the Registration Statement. In giving this consent, we do not thereby admit that we are included in the category of persons whose consent is required under Section 7 of the Act or the rules and regulations of the Commission.

Very truly yours,

/s/ Skadden, Arps, Slate, Meagher & Flom (Illinois)

QuickLinks

[Exhibit 5.1](#)

[Ball Corporation Letterhead]

February 7, 2003

Ball Corporation
10 Longs Peak Drive
P.O. Box 5000
Broomfield, Colorado 80038-5000

Re: Ball Corporation
Registration Statement on Form S-4

Ladies and Gentlemen:

I am the Vice President, General Counsel and Assistant Corporate Secretary for Ball Corporation, an Indiana corporation (the "Company"), and have acted as counsel to the Company in connection with the public offering of \$300,000,000 aggregate principal amount of the Company's 6⁷/₈% Senior Notes Due 2012 (the "Exchange Notes") and related guarantees (the "Subsidiary Guarantees") by Ball Aerospace & Technologies Corp., Ball Metal Food Container Corp., BG Holdings I, Inc., BG Holdings II, Inc., Latas de Aluminio Ball, Inc., Ball Pan-European Holdings, Inc., Ball Metal Beverage Container Corp., Ball Metal Packaging Sales Corp., Ball Packaging Corp., Ball Plastic Container Corp., Ball Technologies Holdings Corp. and Efratom Holding, Inc. (the "Subsidiary Guarantors"). The Exchange Notes are to be issued pursuant to an exchange offer (the "Exchange Offer") in exchange for a like principal amount of the Company's issued and outstanding 6⁷/₈% Senior Notes Due 2012, together with the guarantees thereof by the Subsidiary Guarantors (the "Original Notes") under an Indenture dated as of December 19, 2002 (the "Indenture"), between the Company, The Bank of New York, as trustee (the "Trustee") and the Subsidiary Guarantors, as contemplated by the Registration Rights Agreement, dated as of December 19, 2002 (the "Registration Rights Agreement"), by and among the Company, the Subsidiary Guarantors, Lehman Brothers, Inc., Deutsche Bank Securities Inc., Banc of America Securities LLC, Banc One Capital Markets, Inc., BNP Paribas Securities Corp., Dresdner Kleinwort Wasserstein-Grantchester, Inc., McDonald Investments Inc., SunTrust Capital Markets, Inc. and Wells Fargo Brokerage Services, LLC.

This opinion is being furnished in accordance with the requirements of Item 601(b)(5) of Regulation S-K under the Securities Act of 1933, as amended (the "Act").

In rendering the opinions set forth herein, I have examined and relied on originals or copies of the following: (a) the Registration Statement on Form S-4 to be filed with the Securities and Exchange Commission (the "Commission") on the date hereof under the Act (the "Registration Statement"); (b) the form of the Exchange Notes; (c) the form of the guarantees by the Subsidiary Guarantors pursuant to the Indenture (the "Subsidiary Guarantees"); (d) an executed copy of the Indenture; (e) an executed copy of the Registration Rights Agreement; (f) the Form T-1 of the Trustee to be filed as an exhibit to the Registration Statement; (g) the Articles of Incorporation of the Company and each Subsidiary Guarantor, as in effect on the date hereof; (h) the Amended Bylaws of the Company and each Subsidiary Guarantor, as in effect on the date hereof; and (i) certain resolutions adopted by the board of directors of the Company relating to the Exchange Offer, the issuance of the Original Notes and the Exchange Notes, the Indenture and related matters. I have also examined originals or copies, certified or otherwise identified to my satisfaction, of such records of the Company and the Subsidiary Guarantors and such agreements, certificates of public officials, certificates of officers or other representatives of the Company and the Subsidiary Guarantors and others, and such other documents, certificates and records as I have deemed necessary or appropriate as a basis for the opinions set forth below.

Ball Corporation
February 7, 2003
Page 2

In my examination, I have assumed the legal capacity of all natural persons, the genuineness of all signatures, the authenticity of all documents submitted to me as originals, the conformity to original documents of all documents submitted to me as facsimile, electronic, certified, conformed or photostatic copies and the authenticity of the originals of such latter documents. In making my examination of documents executed or to be executed, I have assumed that the parties thereto, other than the Company and the Subsidiary Guarantors, had or will have the power, corporate or other, to enter into and perform all obligations thereunder and have also assumed the due authorization by all requisite action, corporate or other, and the execution and delivery by such parties of such documents, and the validity and binding effect thereof. As to any facts material to the opinions expressed herein which we have not independently established or verified, I have relied upon statements and representations of officers and other representatives of the Company and the Subsidiary Guarantors and others and of public officials.

My opinions set forth herein are limited to the laws of the State of Indiana and the laws of the State of New York which are normally applicable to transactions of the type contemplated by the Exchange Offer ("Opined on Law"). I do not express any opinion with respect to the laws of any other jurisdiction other than the Opined on Law or as to the effect of any such non-opined on law on the opinions herein stated. I am a member of the Bar in the State of Indiana, and I have relied as to matters of New York law on the opinion of Skadden, Arps, Slate, Meagher & Flom (Illinois) dated the date hereof and to be filed as Exhibit 5.1 to the Registration Statement.

Based upon and subject to the foregoing limitations, qualifications, exceptions and assumptions set forth herein, I am of the opinion that the Exchange Notes and the Subsidiary Guarantees have been duly and validly authorized by the Company and when the Exchange Notes and the Subsidiary Guarantees (both in the form examined by me) have been duly executed and authenticated in accordance with the terms of the Indenture and have been delivered upon consummation of the Exchange Offer against receipt of Original Notes and related guarantees surrendered in exchange therefor in accordance with the terms of the Exchange Offer, (i) the Exchange Notes will constitute valid and binding obligations of the Company, enforceable against the Company in accordance with their terms, and (ii) each Subsidiary Guarantee will constitute a valid and binding obligation of the Subsidiary Guarantor that is a party thereto, enforceable against such Subsidiary Guarantor in accordance with its terms, except to the extent that enforcement thereof may be limited by (i) bankruptcy, insolvency, reorganization, moratorium, fraudulent conveyance or other similar laws now or hereafter in effect relating to creditors' rights generally and (ii) general principles of equity (regardless of whether enforceability is considered in a proceeding at law or in equity).

I hereby consent to the filing of this opinion with the Commission as an exhibit to the Registration Statement.

Very truly yours,

Donald C. Lewis
Vice President, General Counsel and
Assistant Corporate Secretary

QuickLinks

[Exhibit 5.2](#)

**Statement Regarding Computation of
Ratio of Earnings to Fixed Charges**

(\$ in millions)	Year Ended December 31,	Nine Months Ended September 29,	
	Pro Forma 2001	Historical 2002	Pro Forma 2002
Earnings (loss) before taxes	\$ (72.4)	\$ 189.4	\$ 287.1
Plus:			
Interest expensed and capitalized and amortization of financing costs	138.7	56.8	101.0
Interest expense within rent	25.5	12.2	15.2
Amortization of capitalized interest	2.7	1.5	1.5
Distributed income of equity investees	—	—	—
Less:			
Interest capitalized	(1.8)	(1.7)	(1.7)
Adjusted Earnings	92.7	258.2	403.1
Fixed Charges	164.2	69.0	116.2
Ratio of earnings to fixed charges	0.6x	3.7x	3.5x

(\$ in millions)	Year Ended December 31,				
	2001	2000	1999	1998	1997
Earnings (loss) before taxes	\$ (113.7)	\$ 113.9	\$ 171.2	\$ 27.3	\$ 85.9
Plus:					
Interest expensed and capitalized and amortization of financing costs	89.7	98.5	109.6	80.9	57.9
Interest expense within rent	21.7	25.4	18.0	15.4	12.7
Amortization of capitalized interest	2.3	2.0	1.9	2.1	2.6
Distributed income of equity investees	—	—	1.5	2.5	6.9
Less:					
Interest capitalized	(1.4)	(3.3)	(2.0)	(2.3)	(4.4)
Adjusted earnings	(1.4)	236.5	300.2	125.9	161.6
Fixed charges (1)	111.4	123.9	127.6	96.3	70.6
Ratio of earnings to fixed charges	—(2)	1.9x	2.4x	1.3x	2.3x

- (1) Fixed charges include interest expensed and capitalized as well as interest expense within rent.
(2) During 2001 there was a deficiency of earnings to fixed charges of \$112.8 million.

QuickLinks

[Exhibit 12.1](#)

[Statement Regarding Computation of Ratio of Earnings to Fixed Charges](#)

SUBSIDIARIES OF BALL CORPORATION

December 31, 2002

The following is a list of subsidiaries of Ball Corporation (an Indiana Corporation)

Name	State or Country of Incorporation or Organization	Percentage Ownership (2)
Ball Capital Corp.	Colorado	100%
Ball Packaging Corp.	Colorado	100%
Ball Asia Services Limited	Delaware	100%
Ball Metal Beverage Container Corp.	Colorado	100%
Latas de Aluminio Ball, Inc.	Delaware	100%
Ball Asia Pacific Holdings Limited (formerly FTB Packaging Limited)	Hong Kong	95%
Ball Asia Pacific Limited (formerly M.C. Packaging (Hong Kong) Limited)	Hong Kong	95%
Beijing FTB Packaging Limited	PRC	95%
FTB Tooling and Engineering Ltd.	Hong Kong	95%
FTB Zhuhai Ends Manufacturing Co. Ltd.	PRC	95%
Fully Tech Industrial Ltd.	Hong Kong	70%
Greater China Trading Ltd.	Cayman Islands	95%
Hainan M.C. Packaging Limited	PRC	95%
Hemei Containers (Tianjin) Co. Ltd.	PRC	66%
Hubei FTB Packaging Limited	PRC	86%
MCP Beverage Packaging Limited	Hong Kong	95%
Ningbo FTB Can Company Limited	PRC	73%
Plasco Limited	Hong Kong	95%
Richmond Systempak Limited	Hong Kong	95%
Shenzhen M.C. Packaging Limited	PRC	95%
Suzhou M.C. Beverage Packaging Co. Ltd.	PRC	95%
Tianjin M.C. Packaging Limited	PRC	95%
Tianjin MCP Cap Manufacture Company Limited	PRC	95%
Tianjin MCP Industries Limited	PRC	95%
Xi'an Kunlun FTB Packaging Limited	PRC	95%
Zhongfu (Taicang) Plastics Products Co. Ltd.	PRC	68%
Zhuhai FTB Packaging Limited	PRC	95%
Ball Pan-European Holdings, Inc.	Delaware	100%
Ball Holdings, Sarl	Luxembourg	100%
Ball European Holdings, Sarl	Luxembourg	100%
Ball (Luxembourg) Finance, Sarl	Luxembourg	100%
Ball (UK) Holdings, Ltd.	England	100%
Ball Europe Ltd.	England	100%
Ball Company Ltd.	England	100%
Continental Can UK Holding Company Ltd.	England	100%
Continental Can Company Ltd.	England	100%
Ball (Germany) Verwaltungs GmbH (f/k/a/ LAGO Vierte GmbH)	Germany	100%
Ball (Germany) GmbH & Co. KG	Germany	100%
Ball (Germany) Acquisition GmbH	Germany	100%
Schmalbach-Lubeca, GmbH	Germany	100%
Schmalbach-Lubeca DC GmbH	Germany	100%
Schmalbach-Lubeca Getrankedosen GmbH	Germany	100%
Schmalbach-Lubeca Unterstutzungskasse GmbH	Germany	100%
Schmalbach-Lubeca South East Europe d.o.o.	Yugoslavia	100%
Continental Can Handelsgesellschaft mbH	Austria	100%
Continental Can Poland Sp.z.o.o.	Poland	100%
Ball (France) Holdings, SAS	France	100%
Ball (France) Investment Holdings, SAS	France	100%
Continental Can France SAS	France	100%
Continental Can La Ciotat SAS	France	100%
Ball Investment Holdings S.a.r.l.	Luxembourg	100%
Ball (The Netherlands) Holdings, BV	Netherlands	100%
Schmalbach-Lubeca Nederland BV	Netherlands	100%
Continental Can Benelux BV	Netherlands	100%
Continental Can Trading Sp.z.o.o.	Poland	100%

Ball Metal Food Container Corp.	Delaware	100%
Ball Metal Packaging Sales Corp.	Colorado	100%
Ball Plastic Container Corp.	Colorado	100%
Ball Aerospace & Technologies Corp.	Delaware	100%
Ball Solutions Group	Australia	100%
Ball Products Solutions PTY LTD		
Ball Services Solutions PTY LTD		
Ball Systems Solutions PTY LTD		
Ball Advanced Imaging and Management Solutions PTY LTD	Australia	100%
Ball AIMS (Malaysia) SDN BHD	Malaysia	100%
Ball Systems Technology Limited	United Kingdom	100%
Ball Technology Services Corporation	California	100%
Ball North America, Inc.	Canada	100%
Ball Packaging Products Canada Corp.	Canada	100%
GPT Global Packaging Technology AB	Sweden	100%

-
- (1) In accordance with Regulation S-K, Item 601(b)(21)(ii), the names of certain subsidiaries have been omitted from the foregoing lists. The unnamed subsidiaries, considered in the aggregate as a single subsidiary, would not constitute a significant subsidiary, as defined in Regulation S-X, Rule 1-02(w).
- (2) Represents the Registrant's direct and/or indirect ownership in each of the subsidiaries' voting capital share.
-

QuickLinks

[Exhibit 21.1](#)

[SUBSIDIARIES OF BALL CORPORATION December 31, 2002](#)

[QuickLinks](#) -- Click here to rapidly navigate through this document

Exhibit 23.1

Consent of Independent Accountants

We hereby consent to the use in this Registration Statement on Form S-4 of Ball Corporation of our report dated January 22, 2002, except for Note 14 as to which the date is February 22, 2002, relating to the financial statements of Ball Corporation, which appears in such Registration Statement.

We also consent to the reference to us under the heading "Experts" in such Registration Statement.

/s/ PricewaterhouseCoopers LLP
Denver, Colorado
February 7, 2003

QuickLinks

[Exhibit 23.1](#)

[Consent of Independent Accountants](#)

[QuickLinks](#) -- Click here to rapidly navigate through this document

Exhibit 23.2

Consent of Independent Accountants

We hereby consent to the use in this Registration Statement on Form S-4 of Ball Corporation of our report dated October 30, 2002, relating to the financial statements of Schmalbach-Lubeca Beverage Cans, which appears in such Registration Statement. We also consent to the reference to us under the heading "Experts" in such Registration Statement.

Düsseldorf,
Germany
February 7, 2003

PwC Deutsche Revision
Aktiengesellschaft
Wirtschaftsprüfungsgesellschaft

/s/ SCHWARZHOF

Schwarzhof
Wirtschaftsprüfer

/s/ PPA. SCHMIDT

ppa. Schmidt
Wirtschaftsprüfer

QuickLinks

[Exhibit 23.2](#)

FORM T-1
SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

STATEMENT OF ELIGIBILITY
UNDER THE TRUST INDENTURE ACT OF 1939 OF A
CORPORATION DESIGNATED TO ACT AS TRUSTEE

CHECK IF AN APPLICATION TO DETERMINE
ELIGIBILITY OF A TRUSTEE PURSUANT TO
SECTION 305(b)(2) o

THE BANK OF NEW YORK

(Exact name of trustee as specified in its charter)

New York
(State of incorporation
if not a U.S. national bank)

One Wall Street, New York, N.Y.
(Address of principal executive offices)

13-5160382
(I.R.S. employer
identification no.)

10286
(Zip code)

BALL CORPORATION

(Exact name of obligor as specified in its charter)

Indiana
(State or other jurisdiction of
incorporation or organization)

35-0160610
(I.R.S. employer
identification no.)

Ball Aerospace & Technologies Corp.

(Exact name of obligor as specified in its charter)

Delaware
(State or other jurisdiction of
incorporation or organization)

84-1315001
(I.R.S. employer
identification no.)

Ball Technologies Holdings Corp.

(Exact name of obligor as specified in its charter)

Colorado
(State or other jurisdiction of
incorporation or organization)

84-1220333
(I.R.S. employer
identification no.)

Ball Metal Beverage Container Corp.

(Exact name of obligor as specified in its charter)

Colorado
(State or other jurisdiction of
incorporation or organization)

84-1326644
(I.R.S. employer
identification no.)

Ball Metal Food Container Corp.

(Exact name of obligor as specified in its charter)

Delaware
(State or other jurisdiction of
incorporation or organization)

22-2414869
(I.R.S. employer
identification no.)

Ball Metal Packaging Sales Corp.

(Exact name of obligor as specified in its charter)

Colorado
(State or other jurisdiction of
incorporation or organization)

84-1326641
(I.R.S. employer
identification no.)

Ball Packaging Corp.

(Exact name of obligor as specified in its charter)

Colorado
(State or other jurisdiction of
incorporation or organization)

84-1326640
(I.R.S. employer
identification no.)

Ball Plastic Container Corp.

(Exact name of obligor as specified in its charter)

Colorado
(State or other jurisdiction of
incorporation or organization)

84-1326643
(I.R.S. employer
identification no.)

BG Holdings I, Inc.

(Exact name of obligor as specified in its charter)

Delaware
(State or other jurisdiction of
incorporation or organization)

35-1960867
(I.R.S. employer
identification no.)

BG Holdings II, Inc.

(Exact name of obligor as specified in its charter)

Delaware
(State or other jurisdiction of
incorporation or organization)

35-1060866
(I.R.S. employer
identification no.)

2

Efratom Holding, Inc.

(Exact name of obligor as specified in its charter)

Colorado
(State or other jurisdiction of
incorporation or organization)

31-1421208
(I.R.S. employer
identification no.)

10 Longs Peak Drive
P.O. Box 5000
Broomfield, Colorado
(Address of principal executive offices)

80038-5000
(Zip code)

Latas de Aluminio Ball, Inc.

(Exact name of obligor as specified in its charter)

Delaware
(State or other jurisdiction of
incorporation or organization)

54-1088943
(I.R.S. employer
identification no.)

9300 West 108th Circle
Broomfield, Colorado
(Address of principal executive offices)

80021-3682
(Zip code)

Ball Pan-European Holdings, Inc.

(Exact name of obligor as specified in its charter)

Colorado
(State or other jurisdiction of
incorporation or organization)

33-1022314
(I.R.S. employer
identification no.)

14270 Ramona Avenue
Chino, California
(Address of principal executive offices)

91710
(Zip code)

6⁷/₈% Senior Notes due 2012
(Title of the indenture securities)

3

(a) Name and address of each examining or supervising authority to which it is subject.

Name	Address
Superintendent of Banks of the State of New York	2 Rector Street, New York, N.Y. 10006, and Albany, N.Y. 12203
Federal Reserve Bank of New York	33 Liberty Plaza, New York, N.Y. 10045
Federal Deposit Insurance Corporation	Washington, D.C. 20429
New York Clearing House Association	New York, New York 10005

(b) Whether it is authorized to exercise corporate trust powers.

Yes.

2. Affiliations with Obligor.

If the obligor is an affiliate of the trustee, describe each such affiliation.

None.

16. List of Exhibits.

Exhibits identified in parentheses below, on file with the Commission, are incorporated herein by reference as an exhibit hereto, pursuant to Rule 7a-29 under the Trust Indenture Act of 1939 (the "Act") and 17 C.F.R. 229.10(d).

1. A copy of the Organization Certificate of The Bank of New York (formerly Irving Trust Company) as now in effect, which contains the authority to commence business and a grant of powers to exercise corporate trust powers. (Exhibit 1 to Amendment No. 1 to Form T-1 filed with Registration Statement No. 33-6215, Exhibits 1a and 1b to Form T-1 filed with Registration Statement No. 33-21672 and Exhibit 1 to Form T-1 filed with Registration Statement No. 33-29637.)
4. A copy of the existing By-laws of the Trustee. (Exhibit 4 to Form T-1 filed with Registration Statement No. 33-31019.)
6. The consent of the Trustee required by Section 321(b) of the Act. (Exhibit 6 to Form T-1 filed with Registration Statement No. 33-44051.)
7. A copy of the latest report of condition of the Trustee published pursuant to law or to the requirements of its supervising or examining authority.

4

SIGNATURE

Pursuant to the requirements of the Act, the Trustee, The Bank of New York, a corporation organized and existing under the laws of the State of New York, has duly caused this statement of eligibility to be signed on its behalf by the undersigned, thereunto duly authorized, all in The City of New York, and State of New York, on the 29th day of January, 2003.

THE BANK OF NEW YORK

By: /s/ STACEY POINDEXTER

Name: STACEY POINDEXTER
Title: ASSISTANT TREASURER

5

EXHIBIT 7

Consolidated Report of Condition of

THE BANK OF NEW YORK

of One Wall Street, New York, N.Y. 10286
And Foreign and Domestic Subsidiaries,

a member of the Federal Reserve System, at the close of business September 30, 2002, published in accordance with a call made by the Federal Reserve Bank of this District pursuant to the provisions of the Federal Reserve Act.

	Dollar Amounts In Thousands
ASSETS	
Cash and balances due from depository institutions:	
Noninterest-bearing balances and currency and coin	\$ 3,735,469
Interest-bearing balances	3,791,026
Securities:	
Held-to-maturity securities	1,140,688

Available-for-sale securities		15,232,384
Federal funds sold in domestic offices		1,286,657
Securities purchased under agreements to resell		1,035,718
Loans and lease financing receivables:		
Loans and leases held for sale		869,285
Loans and leases, net of unearned income	34,695,130	
LESS: Allowance for loan and lease losses	645,382	
Loans and leases, net of unearned income and allowance		34,049,748
Trading Assets		9,044,881
Premises and fixed assets (including capitalized leases)		823,722
Other real estate owned		778
Investments in unconsolidated subsidiaries and associated companies		226,274
Customers' liability to this bank on acceptances outstanding		249,803
Intangible assets		
Goodwill		1,852,232
Other intangible assets		54,714
Other assets		4,961,572
Total assets	\$	78,354,951

LIABILITIES

Deposits:		
In domestic offices	\$	32,962,289
Noninterest-bearing	12,792,415	
Interest-bearing	20,169,874	
In foreign offices, Edge and Agreement subsidiaries, and IBFs		24,148,516
Noninterest-bearing	445,725	
Interest-bearing	23,702,791	
Federal funds purchased in domestic offices		959,287
Securities sold under agreements to repurchase		491,806
Trading liabilities		2,916,377
Other borrowed money: (includes mortgage indebtedness and obligations under capitalized leases)		1,691,634
Bank's liability on acceptances executed and outstanding		251,701
Subordinated notes and debentures		2,090,000
Other liabilities		5,815,688
Total liabilities	\$	71,327,298
Minority interest in consolidated subsidiaries		500,019

EQUITY CAPITAL

Perpetual preferred stock and related surplus		0
Common stock		1,135,284
Surplus		1,056,724
Retained earnings		4,218,003
Accumulated other comprehensive income		(117,623)
Other equity capital components		0
Total equity capital		6,527,634
Total liabilities minority interest and equity capital	\$	78,354,951

I, Thomas J. Mastro, Senior Vice President and Comptroller of the above-named bank do hereby declare that this Report of Condition is true and correct to the best of my knowledge and belief.

Thomas J. Mastro,
Senior Vice President and Comptroller

We, the undersigned directors, attest to the correctness of this statement of resources and liabilities. We declare that it has been examined by us, and to the best of our knowledge and belief has been prepared in conformance with the instructions and is true and correct.

Thomas A. Renyi
Gerald L. Hassell
Alan R. Griffith

Directors

QuickLinks

[Exhibit 25.1](#)

SIGNATURE

[EXHIBIT 7](#)

LETTER OF TRANSMITTAL

BALL CORPORATION

offer for all outstanding
6⁷/₈% Senior Notes due 2012
in exchange for
6⁷/₈% Senior Notes due 2012
pursuant to the Prospectus dated _____, 2003

THE EXCHANGE OFFER AND WITHDRAWAL RIGHTS WILL EXPIRE AT 5:00 P.M., NEW YORK CITY TIME, ON _____, 2003, UNLESS EXTENDED (THE "EXPIRATION DATE"). TENDERS MAY BE WITHDRAWN PRIOR TO 5:00 P.M., NEW YORK CITY TIME, ON THE EXPIRATION DATE.

The exchange agent for the exchange offer is:
The Bank of New York

*By Registered or Certified Mail
or Overnight Delivery:*
The Bank of New York
101 Barclay Street, 7 East
New York, New York 10286
Attention: Enrique Lopez,
Reorganization Area

Facsimile Transmissions:
(212) 298-1915
(Eligible Institutions Only)

Confirmation By Telephone:
(212) 815-2742
Enrique Lopez

By Hand Delivery:
The Bank of New York
101 Barclay Street
Corporate Trust Services Window
Ground Level
Attn: Reorganization Area

DELIVERY OF THIS LETTER OF TRANSMITTAL TO AN ADDRESS OTHER THAN AS SET FORTH ABOVE OR TRANSMISSION OF THIS LETTER OF TRANSMITTAL VIA FACSIMILE TO A NUMBER OTHER THAN AS SET FORTH ABOVE WILL NOT CONSTITUTE A VALID DELIVERY.

THE INSTRUCTIONS CONTAINED HEREIN SHOULD BE READ CAREFULLY BEFORE THIS LETTER OF TRANSMITTAL IS COMPLETED.

The undersigned acknowledges that he or she has received and reviewed a prospectus dated _____, 2003 of Ball Corporation and this letter of transmittal, which together constitute Ball Corporation's offer, referred to as the exchange offer, to exchange an aggregate principal amount of up to \$300,000,000 of Ball Corporation's 6⁷/₈% Senior Notes due 2012, the new notes, for a like principal amount of Ball Corporation's issued and outstanding 6⁷/₈% Senior Notes due 2012, the old notes. Capitalized terms used but not defined herein shall have the same meaning given to them in the prospectus dated _____, 2003, as it may be amended or supplemented.

This letter of transmittal is to be completed by a holder of old notes either if (a) certificates for such old notes are to be forwarded herewith or (b) a tender of old notes is to be made by book-entry transfer to the account of the exchange agent for the exchange offer at DTC, pursuant to the procedures for tender by book-entry transfer set forth under "The Exchange Offer—Procedures for Tendering Old Notes—Book-Entry Transfers" in the prospectus. Certificates or book-entry confirmation of the transfer of old notes into the exchange agent's account at DTC, as well as this letter of transmittal or a facsimile hereof, properly completed and duly executed, with any required signature guarantees, and any other documents required by this letter of transmittal, must be received by the exchange agent at its address set forth herein on or prior to the expiration date. Tenders by book-entry transfer may also be made by delivering an agent's message in lieu of this letter of transmittal. The term "book-entry confirmation" means a confirmation of a book-entry transfer of old notes into the exchange agent's account at DTC. The term "agent's message" means a message to the exchange agent by DTC which states that DTC has received an express acknowledgment that the tendering holder agrees to be bound by the letter of transmittal and that Ball Corporation may enforce the letter of transmittal against such holder. The agent's message forms a part of a book-entry transfer.

If old notes are tendered pursuant to book-entry procedures, the exchange agent must receive, no later than 5:00 p.m., New York City time, on the expiration date, book-entry confirmation of the tender of the old notes into the exchange agent's account at DTC, along with a completed letter of transmittal or an agent's message.

By crediting the old notes to the exchange agent's account at DTC and by complying with the applicable procedures of DTC's Automated Tender Offer Program, or ATOP, with respect to the tender of the old notes,

including by the transmission of an agent's message, the holder of old notes acknowledges and agrees to be bound by the terms of this letter of transmittal, and the participant in DTC confirms on behalf of itself and the beneficial owners of such old notes all provisions of this letter of transmittal as being applicable to it and such beneficial owners as fully as if such participant and each such beneficial owner had provided the information required herein and executed and transmitted this letter of transmittal to the exchange agent.

Holders of old notes whose certificates for such old notes are not immediately available or who are unlikely to be able to deliver all required documents to the exchange agent on or prior to the expiration date or who cannot complete a book-entry transfer on a timely basis may tender their old notes according to the guaranteed delivery procedures described in "The Exchange Offer—Procedures for Tendering Old Notes—Guaranteed Delivery" in the prospectus.

DELIVERY OF DOCUMENTS TO DTC DOES NOT CONSTITUTE DELIVERY TO THE EXCHANGE AGENT.

The undersigned has completed the appropriate boxes below and signed this letter of transmittal to indicate the action the undersigned desires to take with respect to the exchange offer.

PLEASE READ THE ACCOMPANYING INSTRUCTIONS CAREFULLY

Ladies and Gentlemen:

The undersigned hereby tenders to Ball Corporation the principal amount of old notes indicated above, upon the terms and subject to the conditions of the exchange offer. Subject to and effective upon the acceptance for exchange of all or any portion of the old notes tendered herewith in accordance with the terms and conditions of the exchange offer, including, if the exchange offer is extended or amended, the terms and conditions of any such extension or amendment, the undersigned hereby irrevocably sells, assigns and transfers to or upon the order of Ball Corporation all right, title and interest in and to such old notes.

The undersigned hereby irrevocably constitutes and appoints the exchange agent as its agent and attorney-in-fact, with full knowledge that the exchange agent is also acting as agent of Ball Corporation in connection with the exchange offer and as trustee under the indenture governing the old notes and the new notes, with respect to the tendered old notes, with full power of substitution (such power of attorney being deemed to be an irrevocable power coupled with an interest) subject only to the right of withdrawal described in the prospectus, to (1) deliver certificates representing such old notes, together with all accompanying evidences of transfer and authenticity, to or upon the order of Ball Corporation upon receipt by the exchange agent, as the undersigned's agent, of the new notes to be issued in exchange for such old notes, (2) present certificates for such old notes for transfer and to transfer the old notes on the books of Ball Corporation and (3) receive for the account of Ball Corporation all benefits and otherwise exercise all rights of beneficial ownership of such old notes, all in accordance with the terms and conditions of the exchange offer.

The undersigned hereby represents and warrants that (1) the undersigned has full power and authority to tender, exchange, sell, assign and transfer the old notes tendered hereby, (2) Ball Corporation will acquire good, marketable and unencumbered title to the tendered old notes, free and clear of all liens, restrictions, charges and other encumbrances, and (3) the old notes tendered hereby are not subject to any adverse claims or proxies. The undersigned warrants and agrees that the undersigned will, upon request, execute and deliver any additional documents requested by Ball Corporation or the exchange agent to complete the exchange, sale, assignment and transfer of the old notes tendered hereby. The undersigned has read and agrees to all of the terms and conditions of the exchange offer.

The name(s) and address(es) of the registered holder(s) of the old notes tendered hereby should be printed above, if they are not already set forth above, as they appear on the certificates representing such old notes. The certificate number(s) and the old notes that the undersigned wishes to tender should be indicated in the appropriate boxes above.

If any tendered old notes are not exchanged pursuant to the exchange offer for any reason, or if certificates are submitted for more old notes than are tendered or accepted for exchange, certificates for such nonexchanged or nontendered old notes will be returned, or, in the case of old notes tendered by book-entry transfer, such old notes will be credited to an account maintained at DTC, without expense to the tendering holder, promptly following the expiration or termination of the exchange offer.

The undersigned understands that tenders of old notes pursuant to any one of the procedures described in "The Exchange Offer—Procedures for Tendering Old Notes" in the prospectus and in the instructions attached hereto will, upon Ball Corporation's acceptance for exchange of such tendered old notes, constitute a binding agreement between the undersigned and Ball Corporation upon the terms and subject to the conditions of the exchange offer and that the tendering holder will be deemed to have waived the right to receive any payment in respect of interest or otherwise on such old notes accrued up to the date of issuance of the new notes. The undersigned recognizes that, under certain

circumstances set forth in the prospectus, Ball Corporation may not be required to accept for exchange any of the old notes tendered hereby.

Unless otherwise indicated herein in the box entitled "Special Issuance Instructions" below, the undersigned hereby directs that the new notes be issued in the name(s) of the undersigned or, in the case of a book-entry transfer of old notes, that such new notes be credited to the account indicated above maintained at DTC. If applicable, substitute certificates representing old notes not exchanged or not accepted for exchange will be issued to the undersigned or, in the case of a book-entry transfer of old notes, will be credited to the account indicated above maintained at DTC. Similarly, unless otherwise indicated under "Special Delivery Instructions," the undersigned hereby directs that the new notes be delivered to the undersigned at the address shown below the undersigned's signature. The undersigned recognizes that Ball Corporation has no obligation pursuant to "Special Delivery Instructions" to transfer any old notes from a registered holder thereof if Ball Corporation does not accept for exchange any of the principal amount of such old notes so tendered.

By tendering old notes and executing this letter of transmittal, the undersigned, if not a participating broker-dealer, as defined below, hereby represents that (1) the new notes acquired in the exchange offer are being obtained in the ordinary course of business of the person receiving the new notes, whether or not that person is the holder; (2) neither the holder nor any other person receiving the new notes is engaged in, intends to engage in or has an arrangement or understanding with any person to participate in a "distribution" (within the meaning of the Securities Act) of the new notes; and (3) neither the holder nor any other person receiving the new notes is an "affiliate" (within the meaning of the Securities Act) of Ball Corporation.

If the holder or other person is an affiliate or intends to engage in a "distribution", the holder or such other person, as the case may be, hereby represents and agrees that it may not rely on the applicable interpretations of the staff of the SEC and that it will comply with the registration and prospectus delivery requirements of the Securities Act in connection with any resale transaction.

If the undersigned is a broker-dealer that will receive new notes for its own account in exchange for old notes, it represents that the old notes to be exchanged for the new notes were acquired by it as a result of market-making activities or other trading activities and acknowledges that it will deliver a prospectus meeting the requirements of the Securities Act in connection with any offer to resell, resale or other retransfer of such new notes. However, by so acknowledging and delivering a prospectus, the undersigned will not be deemed to admit that it is an "underwriter" (within the meaning of the Securities Act). Any such broker-dealer is referred to as a participating broker-dealer.

Ball Corporation has agreed that, to the extent that any participating broker-dealer participates in the exchange offer, Ball Corporation shall use all commercially reasonable efforts to maintain the effectiveness of the registration statement of which the prospectus forms a part, the exchange offer registration statement, for a period of 180 days following the consummation of the exchange offer as the same may be extended as provided in the registration rights agreement, is referred to herein as the applicable period. Ball Corporation has also agreed that, subject to the provisions of the registration rights agreement, the prospectus, as amended or supplemented, will be made available to participating broker-dealers for use in connection with offers to resell, resales or retransfers of new notes received in exchange for old notes pursuant to the exchange offer during the applicable period. Ball Corporation will advise each participating broker-dealer (i) when a prospectus supplement or post-effective amendment has been filed or has become effective, (ii) of any request by the Securities and Exchange Commission, the SEC, for amendments or supplements to the registration statement of the prospectus or for additional information relating thereto, (iii) of the issuance by the SEC of any stop order suspending the effectiveness of the exchange offer registration statement or of the suspension by any state securities commission of the qualification of the new notes for offering or sale in any jurisdiction, and (iv) of the existence of any fact or the happening of any event that makes any statement of a

material fact made in the exchange offer registration statement, the prospectus, any amendment or supplement thereto or any document incorporated by reference therein untrue, or that requires the making of any additions to or changes in the exchange offer registration statement in order to make the statements therein not misleading, or that requires the making of any additions to or changes in the prospectus in order to make the statements therein, in the light of the circumstances under which they were made, not misleading.

Any participating broker-dealer by tendering old notes and executing this letter of transmittal or effecting delivery of an agent's message in lieu thereof, agrees that, upon receipt of notice from Ball Corporation of the existence of any fact of the kind described in (iii) and (iv) above, such participating broker-dealer will discontinue disposition of the new notes pursuant to the exchange offer registration statement until receipt of the amended or supplemented prospectus or until Ball Corporation has given notice that the use of the prospectus may be resumed, as the case may be. If Ball Corporation gives such notice to suspend the sale of the new notes, it shall extend the 180-day period referred to above during which participating broker-dealers are entitled to use the prospectus in connection with the resale of new notes by the number of days during the period from and including the date of the giving of such notice to and including the date when participating broker-dealers shall have received copies of the supplemented or amended prospectus necessary to permit resales of the new notes or to and including the date on which Ball has given notice that the sale of new notes may be resumed, as the case may be.

As a result, a participating broker-dealer that intends to use the prospectus in connection with offers to resell, resales or retransfers of new notes received in exchange for old notes pursuant to the exchange offer must notify Ball Corporation, or cause Ball Corporation to be notified, on or prior to the expiration date, that it is a participating broker-dealer. Such notice may be given in the space provided above or may be delivered to the exchange agent at the address set forth in the prospectus under "The Exchange Offer—Exchange Agent."

All authority conferred or agreed to be conferred herein and every obligation of the undersigned under this letter of transmittal shall survive the death or incapacity of the undersigned, and any obligation of the undersigned hereunder shall be binding upon the heirs, executors, administrators, personal representatives, trustees in bankruptcy, legal representatives, successors and assigns of the undersigned. Except as stated in the prospectus under "The Exchange Offer—Withdrawal Rights," this tender is irrevocable.

The undersigned, by completing the box entitled "Description of Old Notes" above and signing this letter of transmittal, will be deemed to have tendered the old notes as set forth in such box.

6

TO BE COMPLETED BY ALL TENDERING HOLDERS
(See Instructions 2 and 6)

PLEASE SIGN HERE
(Please Complete Substitute Form W-9 on Page 14
or a Form W-8; See Instruction 10)

Signature(s) of Holder(s)

Date: _____

(Must be signed by the registered holder(s) exactly as name(s) appear(s) on certificate(s) for the old notes tendered or on a security position listing or by person(s) authorized to become the registered holder(s) by certificates and documents transmitted herewith. If signature is by a trustee, executor, administrator, guardian, attorney-in-fact, officer of a corporation or other person acting in a fiduciary or representative capacity, please provide the following information and see Instruction 6.)

Name(s): _____

(Please Print)

Capacity (full title): _____

Address: _____

Area Code and Telephone No.: _____

Taxpayer Identification Number: _____

GUARANTEE OF SIGNATURE(S)
(See Instruction 2)

Authorized Signature: _____

Name: _____

(Please Type or Print)

Title: _____

Name of Firm: _____

Address: _____

(Include Zip Code)

Area Code and Telephone No.: _____

Date: _____

SPECIAL ISSUANCE INSTRUCTIONS
(Signature Guarantee Required—
See Instructions 2, 7 and 14)

TO BE COMPLETED ONLY if new notes or old notes not tendered or not accepted are to be issued in the name of someone other than the registered holder(s) of the old notes whose signature(s) appear(s) above, or if old notes delivered by book-entry transfer and not accepted for exchange are to be returned for credit to an account maintained at DTC other than the account indicated above.

Issue (check appropriate box(es))

Old notes to:

New notes to:

Name

(Please Print)

Address

(Include Zip Code)

Taxpayer Identification Number

Credit unaccepted old notes tendered by book-entry transfer to the following account at DTC:

SPECIAL DELIVERY INSTRUCTIONS
(Signature Guarantee Required—
See Instructions 2, 7 and 14)

TO BE COMPLETED ONLY if new notes or old notes not tendered or not accepted are to be sent to someone other than the registered holder(s) of the old notes whose signature(s) appear(s) above, or to such registered holder at an address other than that shown above.

Deliver (check appropriate box(es))

Old notes to:

New notes to:

Name

(Please Print)

Address

(Include Zip Code)

INSTRUCTIONS
Forming Part of the Terms and Conditions of the Exchange Offer

1. Delivery of Letter of Transmittal and Certificates; Guaranteed Delivery Procedures. This letter of transmittal is to be completed by a holder of old notes to tender such holder's old notes either if (a) certificates are to be forwarded herewith or (b) tenders are to be made pursuant to the procedures for tender by book-entry transfer set forth in "The Exchange Offer—Procedures for Tendering Old Notes—Book-Entry Transfers" in the prospectus and an agent's message, as defined on page 2 hereof, is not delivered. Certificates or book-entry confirmation of transfer of old notes into the exchange agent's account at DTC, as well as this letter of transmittal or a facsimile hereof, properly completed and duly executed, with any required signature guarantees, and any other documents required by this letter of transmittal, must be received by the exchange agent at its address set forth herein on or prior to the expiration date. If the tender of old notes is effected in accordance with applicable ATOP procedures for book-entry transfer, an agent's message may be transmitted to the exchange agent in lieu of an executed letter of transmittal. Old notes may be tendered in whole or in part in integral multiples of \$1,000.

For purposes of the exchange offer, the term "holder" includes any participant in DTC named in a securities position listing as a holder of old notes. Only a holder of record may tender old notes in the exchange offer. Any beneficial owner of old notes who wishes to tender some or all of such old notes should arrange with DTC, a DTC participant or the record owner of such old notes to execute and deliver this letter of transmittal or to send an electronic instruction effecting a book-entry transfer on his or her behalf. See Instruction 6.

Holders who wish to tender their old notes and (i) whose certificates for the old notes are not immediately available or for whom all required documents are unlikely to reach the exchange agent on or prior to the expiration date; or (ii) who cannot complete the procedures for delivery by book-entry transfer on a timely basis, may tender their old notes by properly completing and duly executing a notice of guaranteed delivery pursuant to the guaranteed delivery procedures set forth in "The Exchange Offer—Procedures for Tendering Old Notes—Guaranteed Delivery" in the prospectus. Pursuant to such procedures: (i) such tender must be made by or through an eligible institution; (ii) a properly completed and duly executed notice of guaranteed delivery, substantially in the form made available by Ball Corporation, must be received by the exchange agent on or prior to the expiration date; and (iii) the certificates for the old notes, or a book-entry confirmation, together with a properly completed and duly executed letter of transmittal or a facsimile hereof, or an agent's message in lieu thereof, with any required signature guarantees and any other documents required by this letter of transmittal, must be received by the exchange agent within three

New York Stock Exchange trading days after the date of execution of such notice of guaranteed delivery for all such tendered old notes, all as provided in "The Exchange Offer—Procedures for Tendering Old Notes—Guaranteed Delivery" in the prospectus.

The notice of guaranteed delivery may be delivered by hand, facsimile, mail or overnight delivery to the exchange agent, and must include a guarantee by an eligible institution in the form set forth in such notice of guaranteed delivery. For old notes to be properly tendered pursuant to the guaranteed delivery procedure, the exchange agent must receive a notice of guaranteed delivery on or prior to the expiration date. As used herein, "eligible institution" means a firm or other entity which is identified as an "Eligible Guarantor Institution" in Rule 17Ad-15 under the Securities Exchange Act of 1934, as amended, including a bank; a broker, dealer, municipal securities broker or dealer or government securities broker or dealer; a credit union; a national securities exchange, registered securities association or clearing agency; or a savings association.

The method of delivery of certificates for the old notes, this letter of transmittal and all other required documents is at the election and sole risk of the tendering holder. If delivery is by mail, registered mail with return receipt requested, properly insured, or overnight delivery service is

9

recommended. In all cases, sufficient time should be allowed to ensure timely delivery. No letters of transmittal or old notes should be sent to Ball Corporation. Delivery is complete when the exchange agent actually receives the items to be delivered. Delivery of documents to DTC in accordance with DTC's procedures does not constitute delivery to the exchange agent.

Ball Corporation will not accept any alternative, conditional or contingent tenders. Each tendering holder, by execution of a letter of transmittal or a facsimile hereof or by causing the transmission of an agent's message, waives any right to receive any notice of the acceptance of such tender.

2. **Guarantee of Signatures.** No signature guarantee on this letter of transmittal is required if:

- a. this letter of transmittal is signed by the registered holder (which term, for purposes of this document, shall include any participant in DTC whose name appears on a security position listing as the owner of the old notes) of old notes tendered herewith, unless such holder has completed either the box entitled "Special Issuance Instructions" or the box entitled "Special Delivery Instructions" above; or
- b. such old notes are tendered for the account of a firm that is an eligible institution.

In all other cases, an eligible institution must guarantee the signature(s) on this letter of transmittal. See Instruction 6.

3. **Inadequate Space.** If the space provided in the box captioned "Description of Old Notes" is inadequate, the certificate number(s) and/or the principal amount of old notes and any other required information should be listed on a separate, signed schedule which is attached to this letter of transmittal.

4. **Partial Tenders (not applicable to holders who tender by book-entry transfer).** If less than all the old notes evidenced by any certificate submitted are to be tendered, fill in the principal amount of old notes which are to be tendered in the "Principal Amount Tendered" column of the box entitled "Description of Old Notes" on page 3 of this letter of transmittal. In such case, new certificate(s) for the remainder of the old notes that were evidenced by your old certificate(s) will be sent only to the holder of the old notes as promptly as practicable after the expiration date. All old notes represented by certificates delivered to the exchange agent will be deemed to have been tendered unless otherwise indicated. Tender of old notes will be accepted only in integral multiples of \$1,000.

5. **Withdrawal Rights.** Except as otherwise provided herein, tenders of old notes may be withdrawn at any time on or prior to the expiration date. In order for a withdrawal to be effective on or prior to that time, a written notice of withdrawal must be timely received by the exchange agent at its address set forth above and in the prospectus on or prior to the expiration date. Any such notice of withdrawal must specify the name of the person who tendered the old notes to be withdrawn, identify the old notes to be withdrawn, including the total principal amount of old notes to be withdrawn, and where certificates for old notes are transmitted, the name of the registered holder of the old notes, if different from that of the person withdrawing such old notes. If certificates for the old notes have been delivered or otherwise identified to the exchange agent, then the tendering holder must submit the serial numbers of the old notes to be withdrawn and the signature on the notice of withdrawal must be guaranteed by an eligible institution, except in the case of old notes tendered for the account of an eligible institution. If old notes have been tendered pursuant to the procedures for book-entry transfer set forth in the prospectus under "The Exchange Offer—Procedures for Tendering Old Notes—Book-Entry Transfers," the notice of withdrawal must specify the name and number of the account at DTC to be credited with the withdrawn old notes and the notice of withdrawal must be delivered to the exchange agent. Withdrawals of tenders of old notes may not be rescinded; however, old notes properly withdrawn may again be tendered at any time on or prior to the expiration date by following any of the procedures described in the prospectus under "The Exchange Offer—Procedures for Tendering Old Notes."

10

All questions regarding the form of withdrawal, validity, eligibility, including time of receipt, and acceptance of withdrawal notices will be determined by Ball Corporation, in its sole discretion, which determination of such questions and terms and conditions of the exchange offer will be final and binding on all parties. Neither Ball Corporation, any of its affiliates or assigns, the exchange agent nor any other person is under any obligation to give notice of any irregularities in any notice of withdrawal, nor will they be liable for failing to give any such notice.

Old notes tendered by book-entry transfer through DTC that are withdrawn or not exchanged for any reason will be credited to an account maintained with DTC. Withdrawn old notes will be returned to the holder after withdrawal. The old notes will be returned or credited to the account maintained at DTC as soon as practicable after withdrawal, rejection of tender or termination of the exchange offer. Any old notes which have been tendered for exchange but which are withdrawn or not exchanged for any reason will be returned to the holder thereof without cost to such holder.

6. **Signatures on Letter of Transmittal, Assignments and Endorsements.** If this letter of transmittal is signed by the registered holder(s) of the old notes tendered hereby, the signature(s) must correspond exactly with the name(s) as written on the face of the certificate(s) without alteration, enlargement or any change whatsoever.

If any old notes tendered hereby are owned of record by two or more joint owners, all such owners must sign this letter of transmittal.

If any tendered old notes are registered in different name(s) on several certificates, it will be necessary to complete, sign and submit as many separate letters of transmittal or facsimiles hereof as there are different registrations of certificates.

If this letter of transmittal, any certificates or bond powers or any other document required by the letter of transmittal are signed by trustees, executors, administrators, guardians, attorneys-in-fact, officers of corporations or others acting in a fiduciary or representative capacity, such persons should so indicate when signing and, unless waived by Ball Corporation, must submit proper evidence satisfactory to Ball Corporation, in its sole discretion, of each such person's authority so to act.

When this letter of transmittal is signed by the registered owner(s) of the old notes listed and transmitted hereby, no endorsement(s) of certificate(s) or separate bond power(s) are required unless new notes are to be issued in the name of a person other than the registered holder(s). Signature(s) on such certificate(s) or bond power(s) must be guaranteed by an eligible institution.

If this letter of transmittal is signed by a person other than the registered owner(s) of the old notes listed, the certificates must be endorsed or accompanied by appropriate bond powers, signed exactly as the name or names of the registered owner(s) appear(s) on the certificates, and also must be accompanied by such opinions of counsel, certifications and other information as Ball Corporation or the trustee for the old notes may require in accordance with the restrictions on transfer applicable to the old notes. Signatures on such certificates or bond powers must be guaranteed by an eligible institution.

7. Special Issuance and Delivery Instructions. If new notes are to be issued in the name of a person other than the signer of this letter of transmittal, or if new notes are to be sent to someone other than the signer of this letter of transmittal or to an address other than that shown above, the appropriate boxes on this letter of transmittal should be completed. In the case of issuance in a different name, the U.S. taxpayer identification number of the person named must also be indicated. A holder of old notes tendering old notes by book-entry transfer may instruct that old notes not exchanged be credited to such account maintained at DTC as such holder may designate. If no such instructions are given, certificates for old notes not exchanged will be returned by mail to the address of the signer of this letter of transmittal or, if the old notes not exchanged were tendered by book-entry transfer, such old notes will be returned by crediting the account indicated on page 3 above maintained at DTC. See Instruction 6.

11

8. Irregularities. Ball Corporation will determine, in its sole discretion, all questions regarding the form of documents, validity, eligibility, including time of receipt, and acceptance for exchange of any tendered old notes, which determination and interpretation of the terms and conditions of the exchange offer will be final and binding on all parties. Ball Corporation reserves the absolute right, in its sole and absolute discretion, to reject any tenders determined to be in improper form or the acceptance of which, or exchange for which, may, in the view of counsel to Ball Corporation be unlawful. Ball Corporation also reserves the absolute right, subject to applicable law, to waive any of the conditions of the exchange offer set forth in the prospectus under "The Exchange Offer—Conditions to the Exchange Offer" or any condition or irregularity in any tender of old notes by any holder, whether or not we waived similar conditions or irregularities in the case of other holders. Ball Corporation's interpretation of the terms and conditions of the exchange offer, including this letter of transmittal and the instructions hereto, will be final and binding on all parties. A tender of old notes is invalid until all defects and irregularities have been cured or waived. Neither Ball Corporation, any of its affiliates or assigns, the exchange agent nor any other person is under any obligation to give notice of any defects or irregularities in tenders nor will they be liable for failure to give any such notice.

9. Questions, Requests for Assistance and Additional Copies. Questions and requests for assistance may be directed to the exchange agent at its address and telephone number set forth on the front of this letter of transmittal. Additional copies of the prospectus, the letter of transmittal, the notice of guaranteed delivery and Forms W-8 (as defined in Instruction 10) may be obtained from the exchange agent at the address and telephone/facsimile numbers indicated above, or from your broker, dealer, commercial bank, trust company or other nominee.

10. Backup Withholding; Substitute Form W-9; Forms W-8. Under the United States federal income tax laws, interest paid to holders of new notes received pursuant to the exchange offer may be subject to backup withholding. Generally, such payments will be subject to backup withholding unless the holder (i) is exempt from backup withholding or (ii) furnishes the payer with its correct taxpayer identification number ("TIN"), certifies that the number provided is correct and further certifies that such holder is a U.S. person (as defined for U.S. federal income tax purposes) and that such holder is not subject to backup withholding as a result of a failure to report all interest or dividend income. Each holder that wants to avoid backup withholding should provide the exchange agent with such holder's correct TIN (or certify that such holder is awaiting a TIN) and certify that such holder is not subject to backup withholding by completing Substitute Form W-9 below.

Certain holders (including, among others, all corporations and certain foreign individuals) are exempt from these backup withholding and reporting requirements. In general, in order for a foreign individual to qualify as an exempt recipient, that holder must submit a statement, signed under the penalties of perjury, attesting to that individual's exempt status. Such statements may be obtained from the exchange agent. Exempt holders (other than foreign persons), while not required to file Substitute Form W-9, should file Substitute Form W-9 and write "exempt" on its face to avoid possible erroneous backup withholding. Foreign persons not subject to backup withholding should complete and submit to the exchange agent a Form W-8 BEN (Certificate of Foreign Status of Beneficial Owner For U.S. Withholding), and/or other applicable Form(s) W-8 (and any other required certifications), instead of the Substitute Form W-9. See the enclosed *Guidelines for Request for Taxpayer Identification Number and Certification on Substitute Form W-9* for additional instructions.

If backup withholding applies, Ball Corporation may be required to withhold at the applicable rate on interest payments made to a holder of new notes. Backup withholding is not an additional tax. Rather, the amount of backup withholding is treated, like any other withheld amounts, as an advance payment of a tax liability, and a holder's U.S. federal income tax liability will be reduced by the amount of tax withheld. If withholding results in an overpayment of taxes, a refund may be obtained.

12

Purpose of Substitute Form W-9

To prevent backup withholding with respect to interest payments on the new notes, a holder should notify the exchange agent of its correct TIN by completing the Substitute Form W-9 below and certifying on Substitute Form W-9 that the TIN provided is correct (or that the holder is awaiting a TIN). In addition, a holder is required to certify on Substitute Form W-9 that (i) it is exempt from backup withholding, or (ii) it is not subject to backup withholding due to prior under reporting of interest or dividend income, or (iii) the Internal Revenue Service (the "IRS") has notified the holder that the holder is no longer subject to backup withholding.

What Number to Give the Exchange Agent

To avoid backup withholding with respect to interest payments on the new notes, a holder is required to give the exchange agent the TIN of the registered holder of the new notes. If such registered holder is an individual, the TIN is the taxpayer's social security number. For most other entities, the TIN is the employer identification number. If the new notes are in more than one name or are not in the name of the actual owner, consult the enclosed *Guidelines for Request for Taxpayer Identification Number and Certification on Substitute Form W-9* for additional guidelines on what number to report. If the exchange agent is provided with an incorrect TIN, the holder may be subject to a \$50 penalty imposed by the IRS.

11. Waiver of Conditions. Ball Corporation reserves the absolute right to waive satisfaction of any or all conditions, completely or partially, enumerated in the prospectus.

12. No Conditional Tenders. No alternative, conditional or contingent tenders will be accepted. All tendering holders of old notes, by execution of this letter of transmittal, shall waive any right to receive notice of the acceptance of old notes for exchange.

Neither Ball Corporation, the exchange agent nor any other person is obligated to give notice of any defect or irregularity with respect to any tender of old notes nor shall any of them incur any liability for failure to give any such notice.

13. **Mutilated, Lost, Destroyed or Stolen Certificates.** If any certificate(s) representing old notes have been mutilated, lost, destroyed or stolen, the holder should promptly notify the exchange agent. The holder will then be instructed as to the steps that must be taken in order to replace the certificate(s). This letter of transmittal and related documents cannot be processed until the procedures for replacing lost, destroyed or stolen certificate(s) have been followed.

14. **Security Transfer Taxes.** Except as provided below, holders who tender their old notes for exchange will not be obligated to pay any transfer taxes in connection therewith. If, however, (i) new notes are to be delivered to, or are to be issued in the name of, any person other than the registered holder of the old notes tendered; (ii) tendered old notes are registered in the name of any person other than the person signing this letter of transmittal; or (iii) a transfer tax is imposed for any reason other than the exchange of old notes in connection with the exchange offer, then the amount of any such transfer tax (whether imposed on the registered holder or any other persons) will be payable by the tendering holder or such other person. The exchange agent must receive satisfactory evidence of the payment of such taxes or exemption therefrom or the amount of such transfer taxes will be billed directly to the tendering holder.

Except as provided in this Instruction 14, it is not necessary for transfer tax stamps to be affixed to the old notes specified in this letter of transmittal.

15. **Incorporation of Letter of Transmittal.** This letter of transmittal shall be deemed to be incorporated in any tender of old notes by any DTC participant effected through procedures established by DTC and, by virtue of such tender, such participant shall be deemed to have acknowledged and accepted this letter of transmittal on behalf of itself and the beneficial owners of any old notes so tendered.

REQUESTER'S NAME: THE BANK OF NEW YORK

SUBSTITUTE

FORM **W-9**

Department of the Treasury
Internal Revenue Service
Payer's Request for Taxpayer
Identification Number ("TIN")

Name:

Please check the appropriate box:

Individual Sole Proprietor Corporation Partnership Other

Part 1—PLEASE PROVIDE YOUR TIN IN THE BOX AT RIGHT AND CERTIFY BY SIGNING AND DATING BELOW.

Social security number or
Employer identification number

Part 2—Certification—Under Penalties of Perjury, I certify that:

- (1) the number shown on this form is my correct Taxpayer Identification Number (or I am waiting for a number to be issued to me) and
- (2) I am not subject to backup withholding either because (a) I am exempt from backup withholding, or (b) I have not been notified by the Internal Revenue Service ("IRS") that I am subject to backup withholding as a result of failure to report all interest or dividends, or (c) the IRS has notified me that I am no longer subject to backup withholding; and
- (3) I am a U.S. person.

Part 3—Awaiting TIN //

Certification Instructions—You must cross out item (2) in Part 2 above if you have been notified by the IRS that you are subject to backup withholding because of under reporting interest or dividends on your tax return. However, if after being notified by the IRS that you were subject to backup withholding you received another notification from the IRS stating that you are no longer subject to backup withholding, do not cross out item (2).

SIGNATURE _____ DATE _____, 2003
NAME _____
ADDRESS _____
CITY _____ STATE _____ ZIP CODE _____

NOTE: FAILURE TO COMPLETE AND RETURN THIS FORM MAY RESULT IN BACKUP WITHHOLDING ON OF ANY PAYMENTS MADE TO YOU PURSUANT TO THE EXCHANGE, AS WELL AS FUTURE DIVIDEND PAYMENTS. PLEASE REVIEW THE ENCLOSED GUIDELINES FOR CERTIFICATION OF TAXPAYER IDENTIFICATION NUMBER ON SUBSTITUTE FORM W-9 FOR ADDITIONAL INFORMATION.

YOU MUST COMPLETE THE FOLLOWING CERTIFICATE IF YOU WROTE "APPLIED FOR" ON SUBSTITUTE FORM W-9.

CERTIFICATE OF AWAITING TAXPAYER IDENTIFICATION NUMBER

I certify under penalties of perjury that a taxpayer identification number has not been issued to me, and either (a) I have mailed or delivered an application to receive a taxpayer identification number to the appropriate Internal Revenue Service Center or Social Security Administration Officer or (b) I intend to mail or deliver an application in the near future. I understand that until I provide a taxpayer identification number all reportable payments made to me will be subject to backup withholding, but will be refunded if I provide a certified taxpayer identification number within 60 days.

_____, 2003
Signature Date

THE IRS DOES NOT REQUIRE YOUR CONSENT TO ANY PROVISION OF THIS DOCUMENT OTHER THAN THE CERTIFICATIONS REQUIRED TO AVOID BACKUP WITHHOLDING.

GUIDELINES FOR CERTIFICATION OF TAXPAYER IDENTIFICATION NUMBER ON SUBSTITUTE FORM W-9

Guidelines for Determining the Proper Identification Number for the Payee (You) to Give the Payer. Social security numbers have nine digits separated by two hyphens: i.e., 000-00-0000. Employer identification numbers have nine digits separated by only one hyphen: i.e., 00-0000000. The table below will help determine the number to give the payer. All "Section" references are to the Internal Revenue Code of 1986, as amended. "IRS" is the Internal Revenue Service.

For this type of account:

Give the name and social security number of—

1.	Individual	The individual
2.	Two or more individuals (joint account)	The actual owner of the account or, if combined funds, the first individual on the account ¹
3.	Custodian account of a minor (Uniform Gift to Minors Act)	The minor ²
4.	a. The usual revocable savings trust account (grantor is also trustee)	The grantor-trustee ¹
	b. So-called trust account that is not a legal or valid trust under state law	The actual owner ¹
5.	Sole proprietorship	The owner ³

For this type of account: Give the name and employer identification number of—

6.	Sole proprietorship	The owner ³
7.	A valid trust, estate, or pension trust	The legal entity ⁴
8.	Corporate	The corporation
9.	Association, club, religious, charitable, educational, or other tax-exempt organization	The organization
10.	Partnership	The partnership
11.	A broker or registered nominee	The broker or nominee
12.	Account with the Department of Agriculture in the name of a public entity (such as a state or local government, school district, or prison) that receives agricultural program payments	The public entity

¹ List first and circle the name of the person whose number you furnish. If only one person on a joint account has a social security number, that person's number must be furnished.
² Circle the minor's name and furnish the minor's social security number.
³ You must show your individual name, but you may also enter your business or "doing business as" name. You may use either your social security number or your employer identification number (if you have one).
⁴ List first and circle the name of the legal trust, estate, or pension trust. (Do not furnish the taxpayer identification number of the personal representative or trustee unless the legal entity itself is not designated in the account title.)

NOTE: If no name is circled when there is more than one name, the number will be considered to be that of the first name listed.

Obtaining a Number

If you do not have a taxpayer identification number or you do not know your number, obtain Form SS-5, Application for a Social Security Card, at the local Social Administration office, or Form SS-4, Application for Employer Identification Number, by calling 1 (800) TAX FORM or visiting the IRS's Internet website at www.irs.gov, and apply for a number.

If you do not have a taxpayer identification number, write "Applied For" in the space for the taxpayer identification number, sign and date the form, and return it to the payer. For interest and dividend payments and certain payments made with respect to readily tradable instruments, you will generally have 60 days to get a taxpayer identification number and give it to the payer before you are subject to backup withholding. Other payments are subject to backup withholding without regard to the 60-day rule until you provide your taxpayer identification number.

NOTE: Writing "Applied For" means that you have already applied for a taxpayer identification number or that you intend to apply for one soon.

Payees Exempt from Backup Withholding

Payees specifically exempted from withholding include:

- An organization exempt from tax under Section 501(a), an individual retirement account (IRA), or a custodial account under Section 403(b)(7), if the account satisfies the requirements of Section 401(f)(2).
- The United States or a state thereof, the District of Columbia, a possession of the United States, or a political subdivision, agency, or instrumentality of any one or more of the foregoing.
- An international organization or any agency or instrumentality thereof.
- A foreign government or any political subdivision, agency or instrumentality thereof.

Payees that may be exempt from backup withholding include:

- A corporation.
- A financial institution.
- A dealer in securities or commodities required to register in the United States, the District of Columbia, or a possession of the United States.
- A real estate investment trust.
- A common trust fund operated by a bank under Section 584(a).
- An entity registered at all times during the tax year under the Investment Company Act of 1940.
- A middleman known in the investment community as a nominee or custodian.
- A futures commission merchant registered with the Commodity Futures Trading Commission.
- A foreign central bank of issue.
- A trust exempt from tax under Section 664 or described in Section 4947.

Payments of dividends and patronage dividends generally exempt from backup withholding include:

- Payments to nonresident aliens subject to withholding under Section 1441.
- Payments to partnerships not engaged in a trade or business in the United States and that have at least one nonresident alien partner.
- Payments of patronage dividends not paid in money.
- Payments made by certain foreign organizations.
- Section 404(k) payments made by an ESOP.

Payments of interest generally exempt from backup withholding include:

- Payments of interest on obligations issued by individuals. Note: You will be subject to information reporting if this interest is \$600 or more and may be subject to backup withholding if you have not provided your correct taxpayer identification number to the payer.
- Payments of tax-exempt interest (including exempt-interest dividends under Section 852).
- Payments described in Section 6049(b)(5) to nonresident aliens.
- Payments on tax-free covenant bonds under Section 1451.
- Payments made by certain foreign organizations.
- Mortgage or student loan interest paid to you.

Certain payments, other than payments of interest, dividends, and patronage dividends, that are exempt from information reporting are also exempt from backup withholding. For details, see the regulations under Sections 6041, 6041A, 6042, 6044, 6045, 6049, 6050A and 6050N.

Exempt payees described above must provide Form W-9 or a substitute Form W-9 to avoid possible erroneous backup withholding. FURNISH YOUR TAXPAYER IDENTIFICATION NUMBER, WRITE "EXEMPT" IN PART II OF THE FORM, SIGN AND DATE THE FORM, AND RETURN IT TO THE PAYER.

Privacy Act Notice—Section 6109 requires you to provide your correct taxpayer identification number to the payer, who must report the payments to the IRS. The IRS uses the numbers for identification purposes and may also provide this information to various government agencies for tax enforcement or litigation purposes. Payers must be given the numbers whether or not recipients are required to file tax returns. Payers must generally withhold a percentage of taxable interest, dividends, and certain other payments to a payee who does not furnish a taxpayer identification number to a payer. Certain penalties may also apply.

Penalties

- (1) **Failure to Furnish Taxpayer Identification Number.**—If you fail to furnish your taxpayer identification number to the payer, you are subject to a penalty of \$50 for each such failure unless your failure is due to reasonable cause and not to willful neglect.
- (2) **Civil Penalty for False Information With Respect to Withholding.**—If you make a false statement with no reasonable basis that results in no backup withholding, you are subject to a \$500 penalty.
- (3) **Criminal Penalty for Falsifying Information.**—Willfully falsifying certifications or affirmations may subject you to criminal penalties including fines and/or imprisonment.

**FOR ADDITIONAL INFORMATION CONTACT YOUR TAX
CONSULTANT OR THE INTERNAL REVENUE SERVICE**

[Exhibit 99.1](#)

NOTICE OF GUARANTEED DELIVERY

BALL CORPORATION
offer for all outstanding
6⁷/₈% Senior Notes due 2012
in exchange for
6⁷/₈% Senior Notes due 2012
pursuant to the Prospectus dated _____, 2003

This notice of guaranteed delivery, or one substantially equivalent to this form, must be used to accept the exchange offer, as defined below, if (i) certificates for Ball Corporation's 6⁷/₈% Senior Notes due 2012, the old notes, are not immediately available; or all required documents are unlikely to reach The Bank of New York, the exchange agent, on or prior to the expiration date, as defined below; or (ii) a book-entry transfer cannot be completed on a timely basis. This notice of guaranteed delivery may be delivered by hand, facsimile, mail or overnight carrier to the exchange agent. See "The Exchange Offer—Procedures for Tendering Old Notes" in the prospectus. In addition, in order to utilize the guaranteed delivery procedure to tender old notes pursuant to the exchange offer, (a) a properly completed and duly executed notice of guaranteed delivery must be delivered on or prior to the expiration date; and (b) a properly completed and duly executed letter of transmittal relating to the old notes or a facsimile thereof, or an agent's message in lieu thereof, together with the old notes tendered hereby in proper form for transfer or confirmation of the book-entry transfer of such old notes to the exchange agent's account at DTC, must be received by the exchange agent within three (3) New York Stock Exchange trading days after the date of execution of this notice of guaranteed delivery. Unless indicated otherwise, capitalized terms used but not defined herein shall have the same meaning given them in the prospectus or the letter of transmittal, as the case may be.

THE EXCHANGE OFFER AND WITHDRAWAL RIGHTS WILL EXPIRE AT 5:00 P.M., NEW YORK CITY TIME, ON _____, 2003, UNLESS EXTENDED (THE "EXPIRATION DATE"). TENDERS MAY BE WITHDRAWN PRIOR TO 5:00 P.M., NEW YORK CITY TIME, ON THE EXPIRATION DATE.

The exchange agent for the exchange offer is:
The Bank of New York

*By Registered or Certified Mail
or Overnight Delivery:*
The Bank of New York
101 Barclay Street, 7 East
New York, New York 10286
Attention: Enrique Lopez,
Reorganization Area

Facsimile Transmissions:
(212) 298-1915
(Eligible Institutions Only)

Confirmation By Telephone:
(212) 815-2742
Enrique Lopez

By Hand Delivery:
The Bank of New York
101 Barclay Street
Corporate Trust Services Window
Ground Level
Attn: Reorganization Section

Delivery of this notice of guaranteed delivery to an address other than as set forth above or transmission of this notice of guaranteed delivery via facsimile to a number other than as set forth above will not constitute a valid delivery.

This notice of guaranteed delivery is not to be used to guarantee signatures. If a signature on a letter of transmittal is required to be guaranteed by an "eligible institution" under the instructions thereto, such signature guarantee must appear in the applicable space provided in the signature box on the letter of transmittal.

Ladies and Gentlemen:

The undersigned hereby tenders to Ball Corporation, an Indiana corporation, upon the terms and subject to the conditions set forth in the prospectus dated _____, 2003, as the same may be amended or supplemented from time to time, and the related letter of transmittal, and which together, constitute the exchange offer, receipt of which is hereby acknowledged, the aggregate principal amount of old notes set forth below pursuant to the guaranteed delivery procedures set forth in the prospectus under the caption "The Exchange Offer—Procedures for Tendering Old Notes—Guaranteed Delivery."

Aggregate Principal Amount Tendered: \$ _____ * Name(s) of Registered Holder(s): _____

Certificate No(s). (if available): _____

\$ _____
(Total Principal Amount Represented by Old Note Certificate(s))

If old notes will be tendered by book-entry transfer, provide the following information:

DTC Account Number: _____
Date: _____

*Must be in integral multiples of \$1,000.

All authority herein conferred or agreed to be conferred shall survive the death or incapacity of the undersigned and every obligation of the undersigned hereunder shall be binding upon the heirs, personal representatives, successors and assigns of the undersigned.

PLEASE SIGN HERE

X _____

 Signature(s) of Owner(s) or Authorized Signatory

X _____

 Date

Telephone Number: _____

Must be signed by the holder(s) of the old notes as their name(s) appear(s) on certificates for old notes or on a security position listing, or by person(s) authorized to become registered holder(s) by endorsement and documents transmitted with this notice of guaranteed delivery. If signature is by a trustee, executor, administrator, guardian, attorney-in-fact, officer or other person acting in a fiduciary or representative capacity, such person must set forth his or her full title below and, unless waived by Ball Corporation, provide proper evidence satisfactory to Ball Corporation of such person's authority to so act.

Please print name(s) and address(es)

Name(s): _____

Capacity: _____

Address(es): _____

**GUARANTEE OF DELIVERY
 (Not to be used for signature guarantee)**

The undersigned, a firm or other entity which is identified as an "Eligible Guarantor Institution" in Rule 17Ad-15 under the Securities and Exchange Act of 1934, as amended, including: a bank; a broker, dealer, municipal securities broker or dealer or government securities broker or dealer; a credit union; a national securities exchange, registered securities association or clearing agency; or a savings association, each of the foregoing being referred to as an "eligible institution," hereby guarantees to deliver to the exchange agent, at the address set forth herein, either the old notes tendered hereby in proper form for transfer, or confirmation of the book-entry transfer of such old notes to the exchange agent's account at DTC, pursuant to the procedures for book-entry transfer set forth in the prospectus, in either case together with a properly completed and duly executed letter of transmittal, or a facsimile thereof, or an agent's message in lieu thereof, and any other required documents within three (3) New York Stock Exchange trading days after the date of execution of this notice of guaranteed delivery.

The undersigned acknowledges that it must deliver to the exchange agent the letter of transmittal or a facsimile thereof, or an agent's message in lieu thereof, and the old notes tendered hereby in proper form for transfer or confirmation of the book-entry transfer of such old notes to the exchange agent's account at DTC within the time period set forth above and that failure to do so could result in a financial loss to the undersigned.

_____	_____
Name of Firm	Authorized Signature
_____	_____
Address	Title
_____	_____
Zip Code	(Please Type or Print)

Telephone Number: _____ Date: _____

NOTE: DO NOT SEND CERTIFICATES FOR OLD NOTES WITH THIS FORM. CERTIFICATES FOR OLD NOTES SHOULD ONLY BE SENT WITH YOUR LETTER OF TRANSMITTAL.

QuickLinks

[Exhibit 99.2](#)

THE BANK OF NEW YORK
101 Barclay Street, 7 East
New York, New York 10286

BALL CORPORATION
offer for all outstanding
6⁷/₈% Senior Notes due 2012
in exchange for
6⁷/₈% Senior Notes due 2012
pursuant to the Prospectus dated _____, 2003

THE EXCHANGE OFFER AND WITHDRAWAL RIGHTS WILL EXPIRE AT 5:00 P.M., NEW YORK CITY TIME, ON _____, 2003, UNLESS EXTENDED (THE "EXPIRATION DATE"). TENDERS MAY BE WITHDRAWN PRIOR TO 5:00 P.M., NEW YORK CITY TIME, ON THE EXPIRATION DATE.

To Brokers, Dealers, Commercial Banks,
Trust Companies and other Nominees:

We have been appointed by Ball Corporation, an Indiana corporation, to act as the exchange agent in connection with the offer, referred to as the exchange offer, of Ball Corporation, to exchange an aggregate principal amount of up to \$300,000,000 of Ball Corporation's 6⁷/₈% Senior Notes due 2012, the new notes, for a like principal amount of Ball Corporation's 6⁷/₈% Senior Notes due 2012, the old notes, upon the terms and subject to the conditions set forth in the prospectus dated _____, 2003 and in the related letter of transmittal and the instructions thereto.

Enclosed herewith are copies of the following documents:

1. The prospectus;
2. The letter of transmittal for your use and for the information of your clients, including a substitute Internal Revenue Service Form W-9 for collection of information relating to backup federal income tax withholding;
3. A notice of guaranteed delivery to be used to accept the exchange offer with respect to old notes in certificated form or old notes accepted for clearance through the facilities of the Depository Trust Company, or DTC, if (i) certificates for old notes are not immediately available or all required documents are unlikely to reach the exchange agent on or prior to the expiration date or (ii) a book-entry transfer cannot be completed on a timely basis;
4. A form of letter which may be sent to your clients for whose account you hold the old notes in your name or in the name of a nominee, with space provided for obtaining such clients' instructions with regard to the exchange offer; and
5. Return envelopes addressed to The Bank of New York, the exchange agent for the exchange offer.

PLEASE NOTE THAT THE EXCHANGE OFFER WILL EXPIRE AT 5:00 P.M., NEW YORK CITY TIME, ON _____, 2003, UNLESS EXTENDED. WE URGE YOU TO CONTACT YOUR CLIENTS AS PROMPTLY AS POSSIBLE.

Ball Corporation has not retained any dealer-manager in connection with the exchange offer and will not pay any fee or commission to any broker, dealer, nominee or other person, other than the exchange agent, for soliciting tenders of the old notes pursuant to the exchange offer. You will be reimbursed by Ball Corporation for customary mailing and handling expenses incurred by you in forwarding the enclosed materials to your clients and for handling or tendering for your clients.

Additional copies of the enclosed materials may be obtained by contacting the exchange agent as provided in the enclosed letter of transmittal.

Very truly yours,

The Bank of New York

NOTHING CONTAINED HEREIN OR IN THE ENCLOSED DOCUMENTS SHALL CONSTITUTE YOU OR ANY OTHER PERSON AS AN AGENT OF BALL CORPORATION OR THE EXCHANGE AGENT, OR AUTHORIZE YOU OR ANY OTHER PERSON TO GIVE ANY INFORMATION OR MAKE ANY REPRESENTATION ON BEHALF OF ANY OF THEM WITH RESPECT TO THE EXCHANGE OFFER NOT CONTAINED IN THE PROSPECTUS OR THE LETTER OF TRANSMITTAL.

BALL CORPORATION
offer for all outstanding
6⁷/₈% Senior Notes due 2012
in exchange for
6⁷/₈% Senior Notes due 2012
pursuant to the Prospectus dated _____, 2003

THE EXCHANGE OFFER AND WITHDRAWAL RIGHTS WILL EXPIRE AT 5:00 P.M., NEW YORK CITY TIME, ON _____, 2003, UNLESS EXTENDED (THE "EXPIRATION DATE"). TENDERS MAY BE WITHDRAWN PRIOR TO 5:00 P.M., NEW YORK CITY TIME, ON THE EXPIRATION DATE.

To Our Clients:

Enclosed for your consideration is a prospectus dated _____, 2003 and the related letter of transmittal and instructions thereto in connection with the offer, referred to as the exchange offer, of Ball Corporation, an Indiana corporation, to exchange an aggregate principal amount of up to \$300,000,000 of Ball Corporation's 6⁷/₈% Senior Notes due 2012, the new notes, for a like principal amount of Ball Corporation's issued and outstanding 6⁷/₈% Senior Notes due 2012, the old notes, upon the terms and subject to the conditions set forth in the prospectus and the letter of transmittal. Consummation of the exchange offer is subject to certain conditions described in the prospectus.

WE ARE THE REGISTERED HOLDER OF OLD NOTES HELD BY US FOR YOUR ACCOUNT. A TENDER OF ANY SUCH OLD NOTES CAN BE MADE ONLY BY US AS THE REGISTERED HOLDER AND PURSUANT TO YOUR INSTRUCTIONS. THE LETTER OF TRANSMITTAL IS FURNISHED TO YOU FOR YOUR INFORMATION ONLY AND CANNOT BE USED BY YOU TO TENDER OLD NOTES HELD BY US FOR YOUR ACCOUNT.

Accordingly, we request instructions as to whether you wish us to tender any or all such old notes held by us for your account pursuant to the terms and conditions set forth in the prospectus and the letter of transmittal. WE URGE YOU TO READ THE PROSPECTUS AND THE LETTER OF TRANSMITTAL CAREFULLY BEFORE INSTRUCTING US TO TENDER YOUR OLD NOTES.

Your instructions to us should be forwarded as promptly as possible in order to permit us to tender old notes on your behalf in accordance with the provisions of the exchange offer. THE EXCHANGE OFFER WILL EXPIRE AT 5:00 P.M., NEW YORK CITY TIME ON _____, 2003, UNLESS EXTENDED. Old notes tendered pursuant to the exchange offer may be withdrawn only under the circumstances described in the prospectus and the letter of transmittal.

Your attention is directed to the following:

1. The exchange offer is for the entire aggregate principal amount of outstanding old notes.
2. Consummation of the exchange offer is conditioned upon the terms and conditions set forth in the prospectus under the captions "The Exchange Offer—Terms of the Exchange Offer" and "The Exchange Offer—Conditions to the Exchange Offer."
3. Tendering holders may withdraw their tender at any time until 5:00 p.m., New York City time, on the expiration date.
4. Any transfer taxes incident to the transfer of old notes from the tendering holder to Ball Corporation will be paid by Ball Corporation, except as provided in the prospectus and the instructions to the letter of transmittal.
5. The exchange offer is not being made to, nor will the surrender of old notes for exchange be accepted from or on behalf of, holders of old notes in any jurisdiction in which the exchange offer or acceptance thereof would not be in compliance with the securities or blue sky laws of such jurisdiction.
6. The acceptance for exchange of old notes validly tendered and not withdrawn and the issuance of new notes will be made as soon as practicable after the expiration date.
7. Ball Corporation expressly reserves the right, in its reasonable discretion and in accordance with applicable law, (i) to delay accepting any old notes, (ii) to terminate the exchange offer and not accept any old notes for exchange if we determine that any of the conditions to the exchange offer, as set forth in the prospectus, have not occurred or been satisfied, (iii) to extend the expiration date of the exchange offer and retain all old notes tendered in the exchange offer other than those notes properly withdrawn, or (iv) to waive any condition or to amend the terms of the exchange offer in any manner. In the event of any extension, delay, non-acceptance, termination, waiver or amendment, Ball Corporation will as promptly as practicable give oral or written notice of the action to the exchange agent and make a public announcement of such action. In the case of an extension, such announcement will be made no later than 9:00 a.m., New York City time, on the next business day after the previously scheduled expiration date.
8. Consummation of the exchange offer may have adverse consequences to non-tendering old note holders, including that the reduced amount of outstanding old notes as a result of the exchange offer may adversely affect the trading market, liquidity and market price of the old notes.

If you wish to have us tender any or all of the old notes held by us for your account, please so instruct us by completing, executing and returning to us the instruction form that follows.

BALL CORPORATION
INSTRUCTIONS REGARDING THE EXCHANGE OFFER
WITH RESPECT TO THE
\$300,000,000 OF 6⁷/₈% SENIOR NOTES DUE 2012 ("OLD NOTES")

THE UNDERSIGNED ACKNOWLEDGES RECEIPT OF YOUR LETTER AND THE ENCLOSED DOCUMENTS REFERRED TO THEREIN RELATING TO THE EXCHANGE OFFER OF BALL CORPORATION WITH RESPECT TO THE OLD NOTES.

THIS WILL INSTRUCT YOU WHETHER TO TENDER THE PRINCIPAL AMOUNT OF OLD NOTES INDICATED BELOW HELD BY YOU FOR THE ACCOUNT OF THE UNDERSIGNED PURSUANT TO THE TERMS OF AND CONDITIONS SET FORTH IN THE PROSPECTUS AND THE LETTER OF TRANSMITTAL.

Box 1 Please tender the old notes held by you for my account, as indicated below.

Box 2 Please do not tender any old notes held by you for my account.

Date: _____, 2003

Principal Amount of Old Notes to be Tendered:

\$ _____ *

(must be in the principal amount of \$1,000 or an integral multiple thereof)

Signature(s)

Please Print Name(s) Here

Please Type or Print Address

Area Code and Telephone Number

Taxpayer Identification or Social Security Number

My Account Number with You

* UNLESS OTHERWISE INDICATED, SIGNATURE (S) HEREON BY BENEFICIAL OWNER(S) SHALL CONSTITUTE AN INSTRUCTION TO THE NOMINEE TO TENDER ALL OLD NOTES OF SUCH BENEFICIAL OWNER(S).

QuickLinks

[Exhibit 99.4](#)