SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20059

SCHEDULE 13G

Under the Securities Exchange Act of 1934

(Amendment No.)

NAME OF ISSUER: Ball Corp

TITLE OF CLASS OF SECURITIES: Common Stock

CUSIP NUMBER: 058498-106

Check the following box if a fee is being paid with this statement: [X]

CUSIP NO. 058498-106

(1)	Names of Reporting Persons	MELLON BANK CORPORATION
	SS or IRS Identification Nos.	IRS No. 25-1233834
	of Above Persons	

- (2) Check the Appropriate Box (a) if a Member of a Group (See Instructions) (b)
- (3) SEC Use Only
- (4) Citizenship or Place United States of Organization

Number of Shares (5) Sole Voting 188,000 Beneficially Power Owned by Each Reporting Person With (6) Shared Voting 5,000 Power (7) Sole Dispositive 198,000

- Power
- (8) Shared Dispositive 100,000 Power
- (9) Aggregate Amount Beneficially Owned by Each Reporting Person 2,458,321
- (10) Check if the Aggregate Amount

	Snares (See	Insti	ructions)		
(11)	Percent of C by Amount in		_	7.79	
(12)	Type of Reporting Person (See Instructions)		НС		
CUSIP	NO. 058498-	-106			
(1)	Names of Reporting Persons SS or IRS Identification Nos. of Above Persons		MELLON BANK, N.A. IRS No. 25-0659306	5	
(2)	(2) Check the Appropriate Box if a Member of a Group (See Instructions)		(a)		
			(b)		
(3)	SEC Use Only				
(4)	Citizenship or Place of Organization		United State	:s	
Number of Shares (5) Sole Voting Beneficially Power Owned by Each		130,000			
	ting Person	(6)	Shared Voting Power	5,000	
		(7)	Sole Dispositive Power	129,000	
		(8)	Shared Dispositive Power	100,000	
(9)	Aggregate Amount Beneficially Owned by Each Reporting Person		2,389,321		
(10)	Check if the Aggregate Amount in Row (9) Excludes Certain Shares (See Instructions)				
(11)	Percent of Class Represented by Amount in Row (9)		7.57		
				7.37	

in Row (9) Excludes Certain Shares (See Instructions)

CUSIP NO. 058498-106

(1) Names of Reporting Persons
BALL CORP. EMPLOYEE STOCK
OWNERSHIP PLAN TRUST
SS or IRS Identification Nos.
IRS No. 25-6324708

(2)			(a)		
	if a Member of a Group (See Instructions)		(b)		
(3)	SEC Use Only				
(4)	Citizenship	or Pl	3.00		United States
(4)	of Organizat		ace		United States
Benef	r of Shares icially by Each	(5)	Sole Voting Power	0	
Report With	ting Person	(6)	Shared Voting	0	
****		(0)	Power	ŭ	
		(7)	Sole Dispositive Power	0	
		(8)	Shared		
		(-,	Dispositive Power	0	
(9)	(9) Aggregate Amount Beneficially Owned by Each Reporting Person 2,160,321*				
	* See Exhibi			, ,	
(10)		7			
(10)	Check if the in Row (9) E	xclud	es Certain		
	Shares (See	Instr	uctions)		
(11)	Percent of C	lass :	Represented	6.85	
	by Amount in		=		
(12)	Type of Bone	rtina	Porgon	ED.	
(12)	(12) Type of Reporting Person EP (See Instructions)				
SECURITIES AND EXCHANGE COMMISSION Washington, D.C. 20549					
SCHEDULE 13G (Under the Securities and Exchange Act of 1934)					
Item :	l(a)	Name	of Issuer:		
	:	Ball	Corp.		
Item 1(b) Address of Issuer's Principal Executive Offices:					
			outh High Stree	_	
P.O. Box 2407 Muncie, IN 47307-0407					
Item 2	2 (a) Name	of Pe	rson Filing:		
		(incl Subsi	n Bank Corporat uding but not l diaries of The i d on Exhibit I	imited to t	he
Item 2	2(b) Addre	ss of	Principal Busi	ness Office	, or if None,

Residence:

Mellon Bank Corporation One Mellon Bank Center Pittsburgh, Pennsylvania 15258

Title of Class of Securities: Common Stock Item 2(e) CUSIP Number: 058498-106 Item 3 If this statement is filed pursuant to Rules 13d-1(b), or 13d-2(b), check whether the person filing is a: (a) [] Broker or Dealer registered under Section 15 of the Act. (b) [x] Bank as defined in Section 3(a)(6) of the Act. (b) [x] Bank as defined in Section 3(a)(6) of the Act. (d) [] Investment Company registered under Section 8 of the Investment Company Act. (e) [] Investment Advisor registered under Section 203 of the Investment Advisors Act of 1940. (f) [x] Employee Benefit Plan, Pension Fund Which is subject to the provisions of the Employee Retirement Income Security Act of 1974 or Endowment Fund; see Section 240.13d-1(b)(1)(ii)(F). (g) [x] Parent Holding Company, in accordance With Section 240.13d-0(1)(b)(ii)(G). (Note: See Item 7) (h) [] Group, in accordance with Section 240.13d(1)(b)(ii)(H). Item 4 Ownership: (a) Amount beneficially owned: 2,458,321 * See Exhibit II (A), (B), (C) (b) Percent of class: 7.79 (c) Number of shares as to Which person has: (i) Sole power to vote or to direct the vote: 188,000 (ii) Shared power to vote or to direct the vote: 5,000 (iii) Shared power to dispose or to direct the dispose or		Unit	ed States			
Item 2(e) CUSIP Number: 058498-106 Item 3	Item 2(d)	Title of	Class of Securities:			
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to direct the vote: (ii) Shared power to vote or to direct the vote: (iii) Sole power to dispose or to direct the disposition of shares: (iv) Shared power to dispose or to direct the	(c)					
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or to direct the disposition of shares: 198,000 (iv) Shared power to dispose or to direct the	(ii			5,000		
or to direct the	(ii	or t	o direct the	198,000		
	/i)	or t	o direct the	100,000		

Item 2(c) Citizenship:

Item 5 Ownership of Five Percent or Less of a Class:

SCHEDULE 13G (Continued)

Item 6 Ownership of More than Five Percent on Behalf of Another Person:

All of the securities are beneficially owned by Mellon Bank Corporation and subsidiaries in their various fiduciary capacities As a result, another entity in every instance is entitled to dividends or proceeds of sale. The number of individual accounts holding an interest of 5% or more is 1: Employee Stock Ownership Plan Trust - 2,160,321 - 6.85%.

Item 7 Identification and Classification of the Subsidiary
 Which Acquired the Security Being Reported by the
 Parent Holding Company:

This Schedule is filed on behalf of Mellon Bank Corporation and subsidiaries as noted on Exhibit I.

Item 8 Identification and Classification of Members of the Group:

N/A

Item 9 Notice of Dissolution of Group:

N/A

Item 10 Certification:

By signing below I certify that, to the best of my knowledge and belief, the securities referred to above were acquired in the ordinary course of business and were not acquired for the purpose of and do not have the effect of changing or influencing the control of the issuer of such securities and were not acquired in connection with or as a participant in any transaction having such purposes or effect.

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SIGNATURE

After reasonable inquiry and to the best of my knowledge and belief, I certify that the information set forth in this statement is true, complete and correct.

Date: February 9, 1994

MELLON BANK CORPORATION

By /s/ Michael E. Bleier Michael E. Bleier General Counsel By /s/ Stephen A. Yoder Stephen A. Yoder Assistant General Counsel

MELLON BANK, N.A. AS TRUSTEE OF THE BALL CORP. EMPLOYEE STOCK OWNERSHIP PLAN TRUST

By /s/ Stephen A. Yoder Stephen A. Yoder Assistant General Counsel

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EXHIBIT I

The shares reported on the attached Form 13G are held by the following Subsidiaries of Mellon Bank Corporation (including but not limited to the Subsidiaries of The Boston Company, Inc.) as marked (X):

- (A) (X) Boston Safe Deposit and Trust Company
 Boston Safe Deposit and Trust Company of California
 Boston Safe Deposit and Trust Company of New York
 - (X) Mellon Bank, N.A.
 Mellon Bank (Delaware) National Association
 Mellon Bank (MD)
- (B) Franklin Portfolio Laurel Capital Advisors
 - (X) Mellon Capital Management Corporation Mellon Equity Associates The Boston Company Advisors, Inc. The Boston Company Financial Strategies, Inc. The Boston Company Institutional Investors, Inc.

The Item 3 classification of each of the subsidiaries listed under (A) above is "Item 3(b) Bank as defined in Section 3(a)(6) of the Act."

The Item 3 classification of each of the subsidiaries listed under (B) above is "Item 3 (e) Investment Advisor registered under Section 203 of the Investment Advisers Act of 1940."

EXHIBIT II

- (A) Mellon Bank, N.A. is the trustee of the issuer's employee benefit plan (the "Plan") which is subject to ERISA. The securities reported include all shares held of record by Mellon Bank, N.A. as trustee of the Plan. The reporting person, however, disclaims beneficial ownership of all shares that have been allocated to the individual accounts of employee participants in the Plan for which directions have been received and followed.
- (B) This number includes securities not outstanding which are subject to options, warrants, rights or conversion privileges that are exercisable within 60 days.
- (C) The filing of this Schedule 13G shall not be construed as an admission that Mellon Bank Corporation, or its subsidiaries and affiliates, including Mellon Bank, N.A., are, for the purposes of this Section 13(d) or 13(g) of the Act, the beneficial owners of any securities covered by this Schedule 13G.

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