

SHAINMAN BARRY J  
Form 5  
January 27, 2006

**FORM 5**

**UNITED STATES SECURITIES AND EXCHANGE COMMISSION  
Washington, D.C. 20549**

OMB APPROVAL

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Form 3 Holdings Reported Form 4 Transactions Reported

**ANNUAL STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF SECURITIES**

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934, Section 17(a) of the Public Utility Holding Company Act of 1935 or Section 30(h) of the Investment Company Act of 1940

1. Name and Address of Reporting Person \*  
SHAINMAN BARRY J

2. Issuer Name and Ticker or Trading Symbol  
Chemtura CORP [CEM]

5. Relationship of Reporting Person(s) to Issuer

(Check all applicable)

Director  10% Owner  
 Officer (give title below)  Other (specify below)  
Secretary

(Last) (First) (Middle)  
199 BENSON ROAD  
(Street)

3. Statement for Issuer's Fiscal Year Ended (Month/Day/Year)  
12/31/2005

4. If Amendment, Date Original Filed(Month/Day/Year)

6. Individual or Joint/Group Reporting  
(check applicable line)

MIDDLEBURY, CT 06749

Form Filed by One Reporting Person  
 Form Filed by More than One Reporting Person

(City) (State) (Zip)

**Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned**

1. Title of Security (Instr. 3)	2. Transaction Date (Month/Day/Year)	2A. Deemed Execution Date, if any (Month/Day/Year)	3. Transaction Code (Instr. 8)	4. Securities Acquired (A) or Disposed of (D) (Instr. 3, 4 and 5)	(A) or (D)	Price	5. Amount of Securities Beneficially Owned at end of Issuer's Fiscal Year (Instr. 3 and 4)	6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	7. Nature of Indirect Beneficial Ownership (Instr. 4)
Common Stock	Â	Â	Â	Â	Â	Â	14,788	D	Â
Common Stock	01/25/2006	01/26/2006	J <sup>(1)</sup>	363	A	\$ 0	4,697	I	Esop
Common Stock	01/25/2006	01/26/2006	J <sup>(2)</sup>	4,697	D	\$ 0	0	I	Esop
Common Stock	Â	Â	Â	Â	Â	Â	5,000	I	Restricted Stock Account

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Common Stock	01/25/2006	01/26/2006	J <sup>(3)</sup>	42	A	\$ 0	3,342	I	Restricted Stock Account I
Common Stock	01/25/2006	01/26/2006	J <sup>(4)</sup>	4,697	A	\$ 0	4,697	I	Savings Plan (401k) Trust

Reminder: Report on a separate line for each class of securities beneficially owned directly or indirectly.

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SEC 2270  
(9-02)

**Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned**  
(e.g., puts, calls, warrants, options, convertible securities)

1. Title of Derivative Security (Instr. 3)	2. Conversion or Exercise Price of Derivative Security	3. Transaction Date (Month/Day/Year)	3A. Deemed Execution Date, if any (Month/Day/Year)	4. Transaction Code (Instr. 8)	5. Number of Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5)	6. Date Exercisable and Expiration Date (Month/Day/Year)	7. Title and Amount of Underlying Securities (Instr. 3 and 4)	8. Amount or Number of Shares
ISO Stock Option (Right to Buy)	\$ 5.85	Â	Â	Â	Â Â	10/20/2004 10/19/2013	Common Stock	6,000
ISO Stock Option (Right to Buy)	\$ 7.25	Â	Â	Â	Â Â	10/22/2003 10/22/2012	Common Stock	6,000
ISO Stock Option (Right to Buy)	\$ 7.92	Â	Â	Â	Â Â	10/23/2002 10/23/2011	Common Stock	7,500
ISO Stock Option (Right to Buy)	\$ 8.1562	Â	Â	Â	Â Â	10/31/2001 10/31/2010	Common Stock	5,000
	\$ 8.3438	Â	Â	Â	Â Â	10/19/2000 10/19/2009		5,000

ISO Stock Option (Right to Buy)										Common Stock	
ISO Stock Option (Right to Buy)	\$ 14.3438	^	^	^	^	^	10/14/2000	10/13/2008		Common Stock	3,000
ISO Stock Option (Right to Buy)	\$ 16.875	^	^	^	^	^	04/25/2000	10/15/2006		Common Stock	2,000
ISO Stock Option (Right to Buy)	\$ 26.4063	^	^	^	^	^	04/25/2000	10/06/2007		Common Stock	2,000
NQ Stock Option (Right to Buy)	\$ 11.24	^	^	^	^	^	11/23/2005	12/22/2014		Common Stock	10,000
NQ Stock Option (Right to Buy)	\$ 12.92	^	^	^	^	^	02/23/2006	03/22/2015		Common Stock	10,000

## Reporting Owners

Reporting Owner Name / Address	Relationships			
	Director	10% Owner	Officer	Other
SHAINMAN BARRY J 199 BENSON ROAD MIDDLEBURY, CT 06749	^	^	^ Secretary	^

## Signatures

Barry J.  
Shainman

01/27/2006

\*\*Signature of  
Reporting Person

Date

## Explanation of Responses:

- \* If the form is filed by more than one reporting person, see Instruction 4(b)(v).
- \*\* Intentional misstatements or omissions of facts constitute Federal Criminal Violations. *See* 18 U.S.C. 1001 and 15 U.S.C. 78ff(a).
- (1) These shares were acquired during the fiscal year pursuant to the Registrant's Employee Stock Ownership Plan and through reinvestment of dividends paid on the shares in this fund (ESOP Trust).
- (2) The ESOP was terminated on 12/31/05 and the shares transferred to the Registrant's Savings Plan (401k) Trust.
- (4) Opening balance in the Registrant's Savings Plan (401k) Trust.
- (3) These shares were acquired during the fiscal year through the reinvestment of dividends paid on the shares in this fund.

Note: File three copies of this Form, one of which must be manually signed. If space provided is insufficient, *see* Instruction 6 for procedure. Potential persons who are to respond to the collection of information contained in this form are not required to respond unless the form displays a currently valid OMB number.