Chemtura CORP Form 5 January 22, 2007

FORM 5

OMB APPROVAL

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

OMB 3235-0362 Number: January 31,

no longer subject to Section 16. Form 4 or Form 5 obligations may continue. See Instruction

Check this box if

2005 Estimated average

ANNUAL STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF SECURITIES

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Expires:

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934, 1(b). Form 3 Holdings Section 17(a) of the Public Utility Holding Company Act of 1935 or Section Reported 30(h) of the Investment Company Act of 1940

Form 4

Transactions Reported

1. Name and Address of Reporting Person * 2. Issuer Name and Ticker or Trading 5. Relationship of Reporting Person(s) to Issuer SHAINMAN BARRY J Symbol Chemtura CORP [CEM] (Check all applicable) (Last) (First) (Middle) 3. Statement for Issuer's Fiscal Year Ended (Month/Day/Year) Director 10% Owner _X__ Officer (give title Other (specify 12/31/2006 below) below) 199 BENSON ROAD Vice President & Secretary (Street) 4. If Amendment, Date Original 6. Individual or Joint/Group Reporting Filed(Month/Day/Year) (check applicable line)

MIDDLEBURY, Â CTÂ 06749

X 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. Securi Acquirec Disposec (Instr. 3, | l (A) of (D) 4 and (A) or |)) | 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 | Â | Â | Â | Â | Â | Â | 5,000 | I | Restricted Stock Account | |
| Common Stock | 01/22/2007 | Â | A | 69 | A | \$0 | 3,411 (1) | I | Restricted Stock Account I | |
| | Â | Â | Â | Â | Â | Â | 5,000 | I | | |

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| Common Stock | | | | | | | | | Restricted Stock Account II |
|--|------------|---|---|-----|---|-----|----------------|--------------|--|
| Common Stock | Â | Â | Â | Â | Â | Â | 1,500 | I | Restricted Stock Account: Merger Integration Grants |
| Common Stock | 01/22/2007 | Â | A | 110 | A | \$0 | 4,807 (2) | I | Savings Plan (401k) Trust |
| Reminder: Report on a separate line for each class of securities beneficially owned directly or indirectly. Persons who respond to the collection contained in this form are not required the form displays a currently valid | | | | | | | equired to res | spond unless | SEC 2270 (9-02) |

$\label{thm:convergence} \begin{tabular}{ll} Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned \\ (e.g., puts, calls, warrants, options, convertible securities) \end{tabular}$

| 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 Exercis Expiration Dat (Month/Day/Y | e | 7. Title and Amount of Underlying Securities (Instr. 3 and 4) | |
|---|---|---|---|---|--|-----|---|--------------------|---|-------------------------------------|
| | | | | | (A) | (D) | Date Exercisable | Expiration Date | Title | 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 | \$ 8.1562 | Â | Â | Â | Â | Â | 10/31/2001 | 10/31/2010 | Common Stock | 5,000 |

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| Option (Right to Buy) | | | | | | | | | | |
|---|------------|------------|---|---|---|-------|------------|------------|-----------------|--------------|
| ISO Stock Option (Right to Buy) | | Â | Â | Â | Â | Â | 10/19/2000 | 10/19/2009 | Common Stock | 5,000 |
| ISO Stock Option (Right to Buy) | \$ 14.3438 | Â | Â | Â | Â | Â | 10/14/2000 | 10/13/2008 | Common Stock | 3,000 |
| ISO Stock Option (Right to Buy) | \$ 26.4063 | Â | Â | Â | Â | Â | 04/25/2000 | 10/06/2007 | Common Stock | 2,000 |
| ISO Stock Option (Right to Buy) | | 01/22/2007 | Â | Е | Â | 2,000 | 04/25/2000 | 10/15/2006 | Common Stock | 2,000 (3) |
| NQ Stock Option (Right to Buy) | | Â | Â | Â | Â | Â | 03/06/2007 | 04/05/2016 | Common Stock | 15,000 |
| NQ Stock Option (Right to Buy) | \$ 11.24 | Â | Â | Â | Â | Â | 11/23/2005 | 12/22/2014 | Common Stock | 10,000 |
| NQ Stock Option (Right to Buy) | | Â | Â | Â | Â | Â | 01/31/2007 | 02/29/2016 | Common Stock | 4,500 |
| NQ Stock Option (Right to Buy) | | Â | Â | Â | Â | Â | 02/23/2006 | 03/22/2015 | Common Stock | 10,000 |

Reporting Owners

Reporting Owner Name / Address

Director 10% Owner Officer Other

SHAINMAN BARRY J

199 BENSON ROAD Â Â Vice President & Secretary Â

199 BENSON ROAD MIDDLEBURY, CTÂ 06749

Signatures

Barry J. 01/22/2007 Shainman

**Signature of Date
Reporting Person

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).
- (2) These shares were acquired during the fiscal year pursuant to the Registrant's Savings Plan (401K) Trust and through reinvestment of dividends paid on the shares in this fund.
- (3) Expired by its term without exercise or payment.
- (1) These shares were acquired during the fiscal year through reinvestment of dividends paid on the share 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.

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