

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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Check this box if no longer subject to Section 16. Form 4 or Form 5 obligations may continue. See Instruction 1(b).  
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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(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<br>Stock<br>Option<br>(Right to<br>Buy) |            |   |   |   |   |   |            |            | Common<br>Stock |        |
| ISO<br>Stock<br>Option<br>(Right to<br>Buy) | \$ 14.3438 | Â | Â | Â | Â | Â | 10/14/2000 | 10/13/2008 | Common<br>Stock | 3,000  |
| ISO<br>Stock<br>Option<br>(Right to<br>Buy) | \$ 16.875  | Â | Â | Â | Â | Â | 04/25/2000 | 10/15/2006 | Common<br>Stock | 2,000  |
| ISO<br>Stock<br>Option<br>(Right to<br>Buy) | \$ 26.4063 | Â | Â | Â | Â | Â | 04/25/2000 | 10/06/2007 | Common<br>Stock | 2,000  |
| NQ<br>Stock<br>Option<br>(Right to<br>Buy)  | \$ 11.24   | Â | Â | Â | Â | Â | 11/23/2005 | 12/22/2014 | Common<br>Stock | 10,000 |
| NQ<br>Stock<br>Option<br>(Right to<br>Buy)  | \$ 12.92   | Â | Â | Â | Â | Â | 02/23/2006 | 03/22/2015 | Common<br>Stock | 10,000 |

## Reporting Owners

| Reporting Owner Name / Address                              | Relationships |           |             |       |
|---|---------------|-----------|-------------|-------|
|   | Director      | 10% Owner | Officer     | Other |
| SHAINMAN BARRY J<br>199 BENSON ROAD<br>MIDDLEBURY, CT 06749 | Â             | Â         | Â Secretary | Â     |

## 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.

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