

ODANIELL MYLES S  
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 \*  
ODANIELL MYLES S

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

5. Relationship of Reporting Person(s) to Issuer

(Check all applicable)

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

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

Director  10% Owner  
 Officer (give title below)  Other (specify below)  
Exec. V.P. Specialty Chemicals

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 Ownership (Instr. 4) |
|---------------------------------|--------------------------------------|--|--------------------------------|---|------------|-------|--|--|-----------------------------------|
| Common Stock                    | Â                                    | Â  | Â                              | Â   | Â          | Â     | 42,531   | D  | Â                                 |
| Common Stock                    | 01/25/2006                           | 01/26/2006   | J <sup>(1)</sup>               | 161   | D          | \$ 0  | 1,643  | I  | ESOP TRUST                        |
| Common Stock                    | 01/25/2006                           | 01/26/2006   | J <sup>(2)</sup>               | 1,643   | D          | \$ 0  | 0  | I  | ESOP TRUST                        |
| Common Stock                    | 01/25/2006                           | 01/26/2006   | J <sup>(3)</sup>               | 245   | A          | \$ 0  | 19,513   | I  | LTIP Trust                        |

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|              |            |            |                  |       |   |      |        |   |                            |
|--------------|------------|------------|------------------|-------|---|------|--------|---|----------------------------|
| Common Stock | Â          | Â          | Â                | Â     | Â | Â    | 13,500 | I | Restricted Stock Account   |
| Common Stock | 01/25/2006 | 01/26/2006 | J <sup>(4)</sup> | 190   | A | \$ 0 | 15,190 | I | Restricted Stock Account I |
| Common Stock | 01/25/2006 | 01/26/2006 | J <sup>(5)</sup> | 1,643 | A | \$ 0 | 1,643  | 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 of information contained in this form are not required to respond unless the form displays a currently valid OMB control number.**

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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 |
|--|--|--------------------------------------|--|--------------------------------|---|--|-----------------|---|-------------------------------|
|  |  |                                      |  |                                | (A) (D)   | Date Exercisable   | Expiration Date | Title   |                               |
| ISO Stock Option (Right to Buy)            | \$ 5.85  | Â                                    | Â  | Â                              | Â Â   | 10/20/2004   | 10/19/2013      | Common Stock  | 34,188                        |
| NQ Stock Option (Right to Buy)             | \$ 5.85  | Â                                    | Â  | Â                              | Â Â   | 10/20/2004   | 11/19/2013      | Common Stock  | 10,812                        |
| NQ Stock Option (Right to Buy)             | \$ 11.24   | Â                                    | Â  | Â                              | Â Â   | 11/23/2005   | 12/22/2014      | Common Stock  | 35,000                        |
| NQ Stock Option                            | \$ 12.92   | Â                                    | Â  | Â                              | Â Â   | 02/23/2006   | 03/22/2015      | Common Stock  | 45,000                        |

