

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

(Last) (First) (Middle)

199 BENSON ROAD

(Street)

MIDDLEBURY, CT 06749

(City) (State) (Zip)

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

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

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

5. Relationship of Reporting Person(s) to Issuer

(Check all applicable)

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

6. Individual or Joint/Group Reporting

(check applicable line)

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

**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							42,531	D	
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
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

