

McDaniel Gregory E  
 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 \*  
 McDaniel Gregory E

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)  
 SVP Strategy & New Bus. Dev.

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	01/25/2006	01/26/2006	J <sup>(1)</sup>	204	A	\$ 0	2,106	I	ESOP Trust
Common Stock	01/25/2006	01/26/2006	J <sup>(2)</sup>	2,106	D	\$ 0	0	I	ESOP Trust
Common Stock	Â	Â	Â	Â	Â	Â	10,000	I	Restricted Stock Account
Common Stock	01/25/2006	01/26/2006	J <sup>(3)</sup>	144	A	\$ 0	11,444	I	Restricted Stock Account

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									I
Common Stock	01/25/2006	01/26/2006	J <sup>(4)</sup>	3,351	A	\$ 0	5,158	I	Savings Plan (401K) Trust
Common Stock	01/25/2006	01/26/2006	J <sup>(5)</sup>	4,275	A	\$ 0	4,275	I	Supplemental Savings Plan

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
					(A)	(D)	Date Exercisable	Expiration Date		
NQ Stock Option (Right to Buy)	\$ 11.24	Â	Â	Â	Â	Â	11/23/2005	11/22/2014	Common Stock	35,000
NQ Stock Option (Right to Buy)	\$ 12.92	Â	Â	Â	Â	Â	02/23/2006	03/22/2015	Common Stock	34,000

## Reporting Owners

Reporting Owner Name / Address	Relationships			
	Director	10% Owner	Officer	Other
McDaniel Gregory E 199 BENSON ROAD MIDDLEBURY,Â CTÂ 06749	Â	Â	Â SVP Strategy & New Bus. Dev.	Â

## Signatures

Gregory E.  
McDaniel

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).
- (2) The ESOP was terminated on 12/31/05 and the shares transferred to the Registrant's Savings Plan (401k) Trust.
- (3) These shares were acquired during the fiscal year through reinvestment of dividends paid on the shares in this fund.  
These shares were acquired during the fiscal year pursuant to the Registrant's Savings Plan (401k) Trust and through the reinvestment of
- (4) dividends paid on the shares in this fund. This account also includes 2,106 shares transferred from the Registrant's ESOP Trust as of December 31, 2005.
- (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).
- (5) Opening balance in the Registrant's Supplemental Savings Plan.

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.