

Chemtura CORP
 Form 4
 February 21, 2007

FORM 4

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

OMB APPROVAL

OMB Number: 3235-0287
 Expires: January 31, 2005
 Estimated average burden hours per response... 0.5

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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

(Print or Type Responses)

1. Name and Address of Reporting Person *
 McDaniel Gregory E

(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. Date of Earliest Transaction (Month/Day/Year)
 02/16/2007

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)
 EVP Strategy, New Bs. Dv, Tch.

6. Individual or Joint/Group Filing(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)	5. Amount of Securities Beneficially Owned Following Reported Transaction(s) (Instr. 3 and 4)	6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	7. Nature of Indirect Beneficial Ownership (Instr. 4)
				(A) or (D)	Price		
				Code	V	Amount	
Common Stock					5,822	D	
Common Stock					3,849.7039	I	ESPP
Common Stock					10,000	I	Restricted Stock Account
Common Stock	02/16/2007		J ⁽¹⁾	10,500 A	\$ 10,500	I	Restricted Stock Account 2007-2009
					12.06		

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			LTIP
Common Stock	7,011	I	Restricted Stock Account I
Common Stock	8,300	I	Restricted Stock Account II
Common Stock	4,400	I	Restricted Stock Account: Merger Integration Grants
Common Stock	8,038	I	Savings Plan (401K) Trust
Common Stock	11,239	I	Supplemental Savings Plan

Reminder: Report on a separate line for each class of securities beneficially owned directly or indirectly.

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SEC 1474
(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)		
				Code	V (A) (D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares
NQ Stock Option (Right to Buy)	\$ 10.75					03/06/2007	04/05/2016	Common Stock	25,000
NQ Stock Option (Right to	\$ 11.24					11/23/2005	11/22/2014	Common Stock	35,000

Buy)									
NQ Stock Option (Right to Buy)	\$ 12.46					01/31/2007	02/29/2016	Common Stock	26,400
NQ Stock Option (Right to Buy)	\$ 12.92					02/23/2006	03/22/2015	Common Stock	34,000
NQ Stock Option (Right to Buy)	\$ 12.06	02/16/2007		J ⁽²⁾	31,500	02/16/2008	02/16/2017	Common Stock	31,500

Reporting Owners

Reporting Owner Name / Address	Relationships			
	Director	10% Owner	Officer	Other
McDaniel Gregory E 199 BENSON ROAD MIDDLEBURY, CT 06749			EVP Strategy, New Bs. Dv, Tch.	

Signatures

Gregory E.
McDaniel

02/21/2007

**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) Options will vest as follows: one-quarter of grant on February 16, 2008; one-quarter of grant on February 16, 2009; one-quarter of grant on February 16, 2010; and one-quarter of grant on February 16, 2011.
- (1) Restricted shares acquired pursuant to the 2007-2009 Long-Term Incentive Plan.

Note: File three copies of this Form, one of which must be manually signed. If space 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.