Chemtura CORP
Form 5
January 22, 2007

FORM 5

OMB APPROVAL

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

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 *
CROWNOVER JAMES W

(Last) (First) (Middle)

199 BENSON ROAD

(Street)

MIDDLEBURY,Â CTÂ 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)
12/31/2006

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

5. Relationship of Reporting Person(s) to Issuer

(Check all applicable)

__X__ Director
_____ 10% Owner
_____ Officer (give title below)
_____ Other (specify below)

6. Individual or Joint/Group Reporting

(check applicable line)

_X_ 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 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)
				Amount	(A) or (D)	Price			
Common Stock	Â	Â	Â	Â	Â	Â	7,558	D	Â
Common Stock	01/22/2007	Â	A	172	A	$ 0	8,529 (1)	I	Restricted Stock Account

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

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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. D Se (I
					(A)	(D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares	
Stock Options (Right to buy)	$ 9.73	Â	Â	Â	Â	Â	07/01/2005	02/11/2013	Common Stock	6,669	
Stock Options (Right to buy)	$ 10.22	Â	Â	Â	Â	Â	07/01/2005	02/12/2012	Common Stock	6,113	
Stock Options (Right to buy)	$ 11.01	Â	Â	Â	Â	Â	07/01/2005	05/06/2014	Common Stock	6,669	
Stock Options (Right to buy)	$ 14.09	Â	Â	Â	Â	Â	07/01/2005	02/13/2010	Common Stock	6,113	
Stock Options (Right to buy)	$ 14.4	Â	Â	Â	Â	Â	07/01/2005	05/03/2011	Common Stock	6,113	

Reporting Owners

Reporting Owner Name / Address	Relationships			
	Director	10% Owner	Officer	Other
CROWNOVER JAMES W 199 BENSON ROAD MIDDLEBURY,Â CTÂ 06749	Â X	Â	Â	Â

Signatures

James W. Crownover	01/22/2007
**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).

(1) These shares were acquired during the fiscal year through reinvestment of dividends paid on the shares in the director's Restricted Stock Unit Account.

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