Chemtura CORP Form 5 January 22, 2007

FORM 5

OMB APPROVAL

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

OMB 3235-0362 Number: January 31,

no longer subject to Section 16. Form 4 or Form 5 obligations may continue. See Instruction

Check this box if

ANNUAL STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF SECURITIES

2005 Estimated average burden hours per response... 1.0

Expires:

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934, 1(b). Form 3 Holdings Section 17(a) of the Public Utility Holding Company Act of 1935 or Section

Reported 30(h) of the Investment Company Act of 1940 Form 4

Transactions Reported

1. Name and Ad HIGDON LE		orting Person *	2. Issuer Name and Ticker or Trading Symbol	5. Relationship of Reporting Person(s) to Issuer		
			Chemtura CORP [CEM]	(Check all applicable)		
(Last)	(First)	(Middle)	3. Statement for Issuer's Fiscal Year Ended			
			(Month/Day/Year)	Director 10% Owner		
			12/31/2006	Officer (give titleX Other (specify		
199 BENSON ROAD (Street)				below) below)		
				Former Director		
			4. If Amendment, Date Original	6. Individual or Joint/Group Reporting		
			Filed(Month/Day/Year)			
				(check applicable line)		

MIDDLEBURY, CTÂ 06749

(State)

(7in)

(City)

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

(City)	(State)	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 6. Ownersh Beneficially Owned at Direct (I end of I ssuer's (I)		Beneficial Ownership		
				Amount	(A) or (D)	Price	Fiscal Year (Instr. 3 and 4)	(Instr. 4)		
Common Stock	01/22/2007	Â	A	14,483	A	\$ 0	24,364	D	Â	
Common Stock	01/22/2007	Â	D	25,717	D	\$ 0	0	I	DIR/RABBI TRUST	
Common Stock	01/22/2007	Â	D	454.6114	D	\$0	0	I	DRIP	
Common Stock	01/22/2007	Â	D	12,268	D	\$ 0	0	I	Restricted Stock	

Account

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.

SEC 2270 (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. Num Derival Securit Acquir or Disp (D) (Instr. 3 and 5)	tive cies red (A) cosed of	6. Date Exercise Expiration Date (Month/Day/Y	ie e	7. Title and Amount of Underlying Securities (Instr. 3 and 4)	
					(A)	(D)	Date Exercisable	Expiration Date	Title	Amoun or Numbe of Shar
NQ Stock Option (Right to Buy)	\$ 7.25	Â	Â	Â	Â	Â	10/22/2003	11/21/2012	Common Stock	9,655
NQ Stock Option (Right to Buy)	\$ 7.92	Â	Â	Â	Â	Â	10/23/2002	11/22/2011	Common Stock	8,838
NQ Stock Option (Right to Buy)	\$ 8.1562	Â	Â	Â	Â	Â	10/31/2001	11/30/2010	Common Stock	7,500
NQ Stock Option (Right to Buy)	\$ 8.343	Â	Â	Â	Â	Â	10/19/2000	10/19/2009	Common Stock	7,500
NQ Stock Option (Right to Buy)	\$ 8.343	Â	Â	Â	Â	Â	10/19/2000	11/19/2009	Common Stock	25,00
NQ Stock Option	\$ 14.3438	Â	Â	Â	Â	Â	08/05/1999	11/14/2008	Common Stock	5,752

(Right to Buy)										
NQ Stock Option (Right to Buy)	\$ 26.4063	Â	Â	Â	Â	Â	08/04/1999	11/07/2007	Common Stock	1,893
NQ Stock Option (Right to Buy)	\$ 14.5	01/22/2007	Â	E <u>(1)</u>	Â	10,000	08/04/1999	09/21/2006	Common Stock	10,00
NQ Stock Option (Right to Buy)	\$ 16.0625	01/22/2007	Â	E <u>(1)</u>	Â	1,245	08/04/1999	02/24/2005	Common Stock	1,245
NQ Stock Option (Right to Buy)	\$ 16.875	01/22/2007	Â	E <u>(1)</u>	Â	2,963	08/04/1999	11/16/2006	Common Stock	2,963

Reporting Owners

Reporting Owner Name / Address	Relationships							
	Director	10% Owner	Officer	Other				
HIGDON LEO I JR 199 BENSON ROAD MIDDLEBURY, CT 06749	Â	Â	Â	Former Director				

Signatures

Leo I. Higdon,
Jr.

**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) Expired by its term without exercise or payment.

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.

Reporting Owners 3