

Mahoney Kevin V
 Form 4
 November 15, 2010

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 *
 Mahoney Kevin V

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

5. Relationship of Reporting Person(s) to Issuer

(Check all applicable)

(Last) (First) (Middle)
 199 BENSON ROAD
 (Street)

3. Date of Earliest Transaction (Month/Day/Year)
 11/10/2010

____ Director _____ 10% Owner
 Officer (give title below) _____ Other (specify below)
 SVP and Corporate Controller

MIDDLEBURY, CT 06749

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

6. Individual or Joint/Group Filing(Check Applicable Line)
 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)	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 Ownership (Instr. 4)
				(A) or (D) Price			
Common Stock	11/10/2010		A ⁽¹⁾	8,364 A \$ 0	8,364	D	
Common Stock	11/10/2010		F	877 D \$ 0	7,487	D	

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

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SEC 1474 (9-02)

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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)
				Code	V (A) (D)	Date Exercisable Expiration Date	Title Amount or Number of Shares
Employee Stock Option (right to buy)	\$ 13.45	11/10/2010		A	19,003	<u>(2)</u> 11/10/2020	Common Stock 19,003

Reporting Owners

Reporting Owner Name / Address	Relationships			
	Director	10% Owner	Officer	Other
Mahoney Kevin V 199 BENSON ROAD MIDDLEBURY, CT 06749			SVP and Corporate Controller	

Signatures

/s/ Alan Schutzman by Power of Attorney
 11/15/2010
 **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).
- Grant of restricted stock units pursuant to the Issuer's EIP Settlement Plan, as approved by the U.S. Bankruptcy Court for the Southern District of New York and the Issuer's board of directors. The restricted stock units vest in three equal installments including the date of grant, March 31, 2011 and March 31, 2012.
- (1) District of New York and the Issuer's board of directors. The restricted stock units vest in three equal installments including the date of grant, March 31, 2011 and March 31, 2012.
- (2) The stock options vest in three equal installments, including the date of grant, March 31, 2011 and March 31, 2012.

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.