Cross Chet Form 4 April 03, 2012

FORM 4

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

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF

SECURITIES

OMB Number:

3235-0287

Expires:

January 31, 2005

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response...

subject to Section 16. Form 4 or Form 5 obligations may continue.

See Instruction

Check this box

if no longer

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(b).

(Print or Type Responses)

1. Name and Address of Reporting Person * 5. Relationship of Reporting Person(s) to 2. Issuer Name and Ticker or Trading Cross Chet Issuer Symbol Chemtura CORP [CHMT] (Check all applicable) (First) (Middle) (Last) 3. Date of Earliest Transaction (Month/Day/Year) Director 10% Owner X_ Officer (give title Other (specify 199 BENSON ROAD 03/31/2012 below) **EVP & Group President** (Street) 4. If Amendment, Date Original 6. Individual or Joint/Group Filing(Check Filed(Month/Day/Year) Applicable Line) _X_ Form filed by One Reporting Person Form filed by More than One Reporting MIDDLEBURY, CT 06749 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. 4. Securities Acqu Transaction(A) or Disposed o Code (Instr. 3, 4 and 5) (Instr. 8) | | d of (D) | 5. Amount of Securities Beneficially Owned Following | 6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4) | 7. Nature of Indirect Beneficial Ownership (Instr. 4) | | |
| | | | Code V | Amount | (A) or (D) | Price | Reported Transaction(s) (Instr. 3 and 4) | | | |
| Common Stock | 03/31/2012 | | F | 2,651 | D | \$ 16.98 | 73,136 | D | | |

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

Persons who respond to the collection of SEC 1474 information contained in this form are not (9-02)required to respond unless the form displays a currently valid OMB control number.

Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned (e.g., puts, calls, warrants, options, convertible securities)

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| 1. Title of Derivative Security (Instr. 3) | 2. Conversion or Exercise Price of | 3. Transaction Date (Month/Day/Year) | 3A. Deemed Execution Date, if any (Month/Day/Year) | 4. Transacti Code (Instr. 8) | | | ate | 7. Title Amoun Under | int of lying ities | 8. Price of Derivative Security (Instr. 5) | 9. Nu Deriv Secur Bene |
|---|---|---|---|---------------------------------------|-----------------------------------|---------------------|-----------------|----------------------------|--------------------------|--|---------------------------------|
| | Derivative Security | | | | Securities Acquired | | | (Instr. | 3 and 4) | | Owne Follo |
| | | | | | (A) or Disposed | | | | | | Repo Trans |
| | | | | | of (D) (Instr. 3, 4, and 5) | | | | | | (Instr |
| | | | | | 4, and 3) | | | | Amount | | |
| | | | | | | Date Exercisable | Expiration Date | Title | or Number of | | |
| | | | | Code V | (A) (D) | | | | Shares | | |

Reporting Owners

Reporting Owner Name / Address Relationships

Director 10% Owner Officer Other

Cross Chet

199 BENSON ROAD EVP & Group President

MIDDLEBURY, CT 06749

Signatures

/s/ Alan Schutzman by Power of Attorney 04/03/2012

**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).

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.

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