

WEDINGER ROBERT S  
Form 3  
December 20, 2007

**FORM 3 UNITED STATES SECURITIES AND EXCHANGE COMMISSION**  
**Washington, D.C. 20549**

OMB APPROVAL

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**INITIAL STATEMENT OF 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 * |         | 2. Date of Event Requiring Statement | 3. Issuer Name <b>and</b> Ticker or Trading Symbol |  |
| Â WEDINGER ROBERT S                       |         | (Month/Day/Year)                     | Chemtura CORP [CEM]                                |  |
| (Last)                                    | (First) | 12/10/2007                           |  |  |
| 199 BENSON ROAD                           |         |                                      | 4. Relationship of Reporting Person(s) to Issuer   | 5. If Amendment, Date Original Filed(Month/Day/Year)                   |
| (Street)                                  |         |                                      | (Check all applicable)                             |  |
| MIDDLEBURY,Â CTÂ US                       |         |                                      | <input type="checkbox"/> Director                  | 6. Individual or Joint/Group Filing(Check Applicable Line)             |
| 06749                                     |         |                                      | <input checked="" type="checkbox"/> Officer        | <input checked="" type="checkbox"/> Form filed by One Reporting Person |
| (City)                                    | (State) | (Zip)                                | (give title below)                                 | <input type="checkbox"/> Form filed by More than One Reporting Person  |
|   |         |                                      | Chief Business Officer                             |  |

**Table I - Non-Derivative Securities Beneficially Owned**

| 1. Title of Security (Instr. 4) | 2. Amount of Securities Beneficially Owned (Instr. 4) | 3. Ownership Form: Direct (D) or Indirect (I) (Instr. 5) | 4. Nature of Indirect Beneficial Ownership (Instr. 5) |
|---------------------------------|---|--|---|
| Common Stock                    | 1,000 <sup>(2)</sup>                                  | I  | Restricted Stock Account I                            |
| Common Stock                    | 7,100 <sup>(3)</sup>                                  | I  | Restricted Stock Account 2007-2009 LTIP               |
| Common Stock                    | 50,000 <sup>(4)</sup>                                 | I  | Restricted Stock Account I                            |

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

SEC 1473 (7-02)

**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.**

**Table II - Derivative Securities Beneficially Owned (e.g., puts, calls, warrants, options, convertible securities)**

| 1. Title of Derivative Security (Instr. 4) | 2. Date Exercisable and Expiration Date (Month/Day/Year) | 3. Title and Amount of Securities Underlying | 4. Conversion | 5. Ownership | 6. Nature of Indirect Beneficial |
|--|--|--|---------------|--------------|----------------------------------|
|--|--|--|---------------|--------------|----------------------------------|

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| Date Exercisable | Expiration Date | Derivative Security (Instr. 4)<br>Title        | Amount or Number of Shares | or Exercise Price of Derivative Security | Form of Derivative Security: Direct (D) or Indirect (I) (Instr. 5) | Ownership (Instr. 5) |
|------------------|-----------------|--|----------------------------|--|--|----------------------|
| 02/16/2008       | 02/16/2017      | NQ Stock Option (Right to Buy)<br>Common Stock | 23,000 <sup>(1)</sup>      | \$ 12.06                                 | D  | Â                    |

## Reporting Owners

| Reporting Owner Name / Address                                  | Relationships |           |                          |       |
|---|---------------|-----------|--------------------------|-------|
|   | Director      | 10% Owner | Officer                  | Other |
| WEDINGER ROBERT S<br>199 BENSON ROAD<br>MIDDLEBURY, CT US 06749 | Â             | Â         | Â Chief Business Officer | Â     |

## Signatures

Robert S. Wedinger  
12/20/2007

\*\*Signature of Reporting Person                      Date

## Explanation of Responses:

- \* If the form is filed by more than one reporting person, *see* Instruction 5(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 Options will vest in four(4) equal annual installments commencing on the Exercisable date (column 2).
- (2) These restricted shares will vest on 5/8/2009.
- (3) These restricted shares (granted on 2/16/2007) will vest pursuant to the terms of the 2007-2009 Long-Term Incentive Program.
- (4) These restricted shares will vest in three (3) equal annual installments commencing on 12/17/2008.

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.