

CYTEC INDUSTRIES INC/DE/  
Form 3  
April 21, 2005

**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 SHARPE RAYMOND P                        |         | (Month/Day/Year)                     | CYTEC INDUSTRIES INC/DE/ [CYT]   |  |
| (Last)                                    | (First) | (Middle)                             | 4. Relationship of Reporting Person(s) to Issuer                       | 5. If Amendment, Date Original Filed(Month/Day/Year) |
|   |         | 04/21/2005                           |  |  |
| 26221 N. 114TH STREET                     |         |                                      | (Check all applicable)   |  |
| N. 114TH STRE                             |         |                                      | <input checked="" type="checkbox"/> Director                           | <input type="checkbox"/> 10% Owner                   |
| (Street)                                  |         |                                      | <input type="checkbox"/> Officer                                       | <input type="checkbox"/> Other                       |
|   |         |                                      | (give title below)   | (specify below)                                      |
| SCOTTSDALE,Â AZÂ 85255                    |         |                                      | 6. Individual or Joint/Group Filing(Check Applicable Line)             |  |
| (City)                                    | (State) | (Zip)                                | <input checked="" type="checkbox"/> Form filed by One Reporting Person |  |
|   |         |                                      | <input type="checkbox"/> Form filed by More than One Reporting Person  |  |

**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   | D  | Â   |
| Common Stock                    | 809 <sup>(1)</sup>                                    | D  | Â   |

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 Derivative Security (Instr. 4) | 4. Conversion or Exercise Price of | 5. Ownership Form of Derivative | 6. Nature of Indirect Beneficial Ownership (Instr. 5) |
|--|--|---|------------------------------------|---------------------------------|---|
|--|--|---|------------------------------------|---------------------------------|---|

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|                     | Date Exercisable | Expiration Date | Title        | Amount or Number of Shares | Derivative Security | Security: Direct (D) or Indirect (I) (Instr. 5) |   |
|---------------------|------------------|-----------------|--------------|----------------------------|---------------------|---|---|
| Option Right to Buy | Â (2)            | Â (2)           | Common Stock | 6,000                      | \$ 47.49            | D   | Â |

## Reporting Owners

| Reporting Owner Name / Address                                    | Relationships |           |         |       |
|---|---------------|-----------|---------|-------|
|   | Director      | 10% Owner | Officer | Other |
| SHARPE RAYMOND P<br>26221 N. 114TH STREET<br>SCOTTSDALE, AZ 85255 | Â X           | Â         | Â       | Â     |

## Signatures

Roy Smith on behalf of Raymond P. Sharpe  
04/21/2005

\_\_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) Award of restricted stock (i.e. shares of Common Stock, restrictions on which lapse upon the stock becoming non-forfeitable) granted April 21, 2005 on a formula basis under Cytec's stockholder-approved 1993 Stock Award and Incentive Plan ("the Plan"). The award becomes non-forfeitable as to twenty percent of the Common Stock covered by the award on each of the first five anniversaries of the grant of the award, or immediately upon a Change-in-Control (as defined in the Plan.) If the Officer's service terminates prior to any part of the award under the Plan becoming non-forfeitable (except in certain circumstances as set forth in the Plan), any forfeitable portion of the award reverts back to Cytec.

(2) Formula grant made April 21, 2005 under the Plan of options to purchase Common Stock, exercisable in 2,000-share increments on each of the first three anniversaries of the granting of the option (or earlier in the event of a Change-in-Control as defined in the Plan). Options generally expire on the earlier of (i) ten years from the granting of such option or (ii) one year (five years if the director has served for five years or more) from the date of the Director's cessation of membership on Cytec's Board of Directors.

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.