

LILLEY DAVID
Form 4
September 27, 2006

FORM 4 UNITED STATES SECURITIES AND EXCHANGE COMMISSION
Washington, D.C. 20549

OMB APPROVAL

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Check this box if no longer subject to Section 16. Form 4 or Form 5 obligations may continue. See Instruction 1(b).

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 *
LILLEY DAVID

2. Issuer Name and Ticker or Trading Symbol
CYTEC INDUSTRIES INC/DE/[CYT]

5. Relationship of Reporting Person(s) to Issuer

(Check all applicable)

(Last) (First) (Middle)
5 GARRET MOUNTAIN PLAZA5
GARRET MOUNTAIN

3. Date of Earliest Transaction (Month/Day/Year)
09/26/2006

Director 10% Owner
 Officer (give title below) Other (specify below)
Chairman, President and CEO

(Street)
WEST PATERSON, NJ 07424

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 Indirect Beneficial Ownership (Instr. 4) |
|---------------------------------|--------------------------------------|--|--------------------------------|---|---|--|---|
| | | | | Code V Amount (A) or (D) Price | | | |
| Common Stock | 09/26/2006 | | M ⁽¹⁾ | 5,000 A \$ 40.125 | 42,072 | D | |
| Common Stock | 09/26/2006 | | S ⁽¹⁾ | 800 D \$ 55.27 | 41,272 | D | |
| Common Stock | 09/26/2006 | | S ⁽¹⁾ | 600 D \$ 55.31 | 40,672 | D | |
| Common Stock | 09/26/2006 | | S ⁽¹⁾ | 300 D \$ 55.32 | 40,372 | D | |
| Common Stock | 09/26/2006 | | S ⁽¹⁾ | 100 D \$ 55.36 | 40,272 | D | |

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| | | | | | | | | |
|--------------|------------|--------------|-------|---|-----------|--------|-------------------------|--------------|
| Common Stock | 09/26/2006 | <u>S</u> (1) | 200 | D | \$ 55.39 | 40,072 | D | |
| Common Stock | 09/26/2006 | <u>S</u> (1) | 300 | D | \$ 55.4 | 39,772 | D | |
| Common Stock | 09/26/2006 | <u>S</u> (1) | 200 | D | \$ 55.41 | 39,572 | D | |
| Common Stock | 09/26/2006 | <u>S</u> (1) | 700 | D | \$ 55.45 | 38,872 | D | |
| Common Stock | 09/26/2006 | <u>S</u> (1) | 300 | D | \$ 55.47 | 38,572 | D | |
| Common Stock | 09/26/2006 | <u>S</u> (1) | 200 | D | \$ 55.48 | 38,372 | D | |
| Common Stock | 09/26/2006 | <u>S</u> (1) | 100 | D | \$ 55.49 | 38,272 | D | |
| Common Stock | 09/26/2006 | <u>S</u> (1) | 500 | D | \$ 55.5 | 37,772 | D | |
| Common Stock | 09/26/2006 | <u>S</u> (1) | 200 | D | \$ 55.7 | 37,572 | D | |
| Common Stock | 09/26/2006 | <u>S</u> (1) | 100 | D | \$ 55.71 | 37,472 | D | |
| Common Stock | 09/26/2006 | <u>S</u> (1) | 400 | D | \$ 55.76 | 37,072 | D | |
| Common Stock | 09/27/2006 | <u>M</u> (1) | 5,000 | A | \$ 40.125 | 42,072 | D | |
| Common Stock | 09/27/2006 | <u>S</u> (1) | 1,000 | D | \$ 56.04 | 41,072 | D | |
| Common Stock | 09/27/2006 | <u>S</u> (1) | 2,500 | D | \$ 56.1 | 38,572 | D | |
| Common Stock | 09/27/2006 | <u>S</u> (1) | 600 | D | \$ 56.11 | 37,972 | D | |
| Common Stock | 09/27/2006 | <u>S</u> (1) | 900 | D | \$ 56.14 | 37,072 | D | |
| Common Stock | | | | | | 6,206 | I <u>(2)</u> <u>(3)</u> | savings plan |

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

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(9-02)

**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 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) | 8. Amount or Number of Shares |
|--|--|--------------------------------------|--|--------------------------------|---|--|---|-------------------------------|
| Option Right to buy | \$ 40.125 | 09/26/2006 | | M ⁽¹⁾ | 5,000 | 01/27/1998 01/26/2007 | Common Stock | 5,000 |
| Option Right to buy | \$ 40.125 | 09/27/2006 | | M ⁽¹⁾ | 5,000 | 01/27/1998 01/26/2007 | Common Stock | 5,000 |

Reporting Owners

| Reporting Owner Name / Address | Relationships | | | |
|---|---------------|-----------|-----------------------------|-------|
| | Director | 10% Owner | Officer | Other |
| LILLEY DAVID 5 GARRET MOUNTAIN PLAZA5 GARRET MOUNTAIN WEST PATERSON, NJ 07424 | X | | Chairman, President and CEO | |

Signatures

James M. Young on behalf of David Lilley 09/27/2006

__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) This option was exercised, and the shares of common stock received upon exercise were sold pursuant to a Rule 10b5-1 trading plan that was adopted in August 2006.
- (2) Excludes shares held in Employees' Savings Plan or Supplemental Plan which are eligible for deferred reporting on Form 5, as per note to instruction 4(a)(i).
- (3) 203 shares beneficial ownership disclaimed; owned as custodian for daughter

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.