

CYTEC INDUSTRIES INC/DE/  
Form 4  
September 21, 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 PLAZA**  
  
(Street)

3. Date of Earliest Transaction (Month/Day/Year)  
**09/20/2006**

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

**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 Ownership (Instr. 4)
			Code	V	Amount	(A) or (D)	Price
Common Stock	09/20/2006		M <sup>(1)</sup>		5,000	A	\$ 40.25
Common Stock	09/20/2006		S <sup>(1)</sup>		100	D	\$ 54.83
Common Stock	09/20/2006		S <sup>(1)</sup>		400	D	\$ 54.85
Common Stock	09/20/2006		S <sup>(1)</sup>		500	D	\$ 54.88
Common Stock	09/20/2006		S <sup>(1)</sup>		300	D	\$ 54.99

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Common Stock	09/20/2006	<u>S</u> (1)	1,400	D	\$ 55	39,372	D
Common Stock	09/20/2006	<u>S</u> (1)	200	D	\$ 55.02	39,172	D
Common Stock	09/20/2006	<u>S</u> (1)	900	D	\$ 55.03	38,272	D
Common Stock	09/20/2006	<u>S</u> (1)	200	D	\$ 55.04	38,072	D
Common Stock	09/20/2006	<u>S</u> (1)	200	D	\$ 55.07	37,872	D
Common Stock	09/20/2006	<u>S</u> (1)	600	D	\$ 55.08	37,272	D
Common Stock	09/20/2006	<u>S</u> (1)	200	D	\$ 55.1	37,072	D
Common Stock	09/21/2006	<u>M</u> (1)	5,000	A	\$ 40.25	42,072	D
Common Stock	09/21/2006	<u>S</u> (1)	500	D	\$ 54.7	41,572	D
Common Stock	09/21/2006	<u>S</u> (1)	500	D	\$ 54.72	41,072	D
Common Stock	09/21/2006	<u>S</u> (1)	500	D	\$ 54.73	40,572	D
Common Stock	09/21/2006	<u>S</u> (1)	600	D	\$ 54.87	39,972	D
Common Stock	09/21/2006	<u>S</u> (1)	500	D	\$ 54.89	39,472	D
Common Stock	09/21/2006	<u>S</u> (1)	200	D	\$ 55	39,272	D
Common Stock	09/21/2006	<u>S</u> (1)	100	D	\$ 55.01	39,172	D
Common Stock	09/21/2006	<u>S</u> (1)	200	D	\$ 55.03	38,972	D
Common Stock	09/21/2006	<u>S</u> (1)	400	D	\$ 55.1	38,572	D
Common Stock	09/21/2006	<u>S</u> (1)	200	D	\$ 55.12	38,372	D
Common Stock	09/21/2006	<u>S</u> (1)	300	D	\$ 55.69	38,072	D
Common Stock	09/21/2006	<u>S</u> (1)	500	D	\$ 55.75	37,572	D
	09/21/2006	<u>S</u> (1)	200	D		37,372	D

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Common Stock					\$					
					55.76					
Common Stock	09/21/2006		S <sup>(1)</sup>	100	D	\$	37,272		D	
						55.79				
Common Stock	09/21/2006		S <sup>(1)</sup>	200	D	\$	37,072		D	
						55.8				
Common Stock							6,206		I <sup>(2)</sup> <sup>(3)</sup>	savings plan

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

**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.**

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(9-02)

**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)	8. Amount or Number of Shares
Option Right to buy	\$ 40.25	09/20/2006		M <sup>(1)</sup>	5,000	01/07/1998 01/06/2007	Common Stock	5,000
Option Right to buy	\$ 40.25	09/21/2006		M <sup>(1)</sup>	5,000	01/07/1998 01/06/2007	Common Stock	5,000

## Reporting Owners

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

## Signatures

James M. Young on behalf of David  
Lilley

09/21/2006

\_\_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.

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