

CYTEC INDUSTRIES INC/DE/  
Form 4  
August 16, 2006

**FORM 4**

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

OMB APPROVAL

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**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**

(Last) (First) (Middle)  
**5 GARRET MOUNTAIN PLAZA**  
  
(Street)

**WEST PATERSON, NJ 07424**

(City) (State) (Zip)

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

3. Date of Earliest Transaction (Month/Day/Year)  
**08/14/2006**

4. If Amendment, Date Original Filed(Month/Day/Year)

5. Relationship of Reporting Person(s) to Issuer

(Check all applicable)

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

6. Individual or Joint/Group Filing(Check Applicable Line)  
 Form filed by One Reporting Person  
 Form filed by More than One Reporting Person

**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	08/14/2006		M <sup>(1)</sup>		5,000	A	\$ 40.25
Common Stock	08/14/2006		S <sup>(1)</sup>		200	D	\$ 50.49
Common Stock	08/14/2006		S <sup>(1)</sup>		400	D	\$ 50.5
Common Stock	08/14/2006		S <sup>(1)</sup>		300	D	\$ 50.51
Common Stock	08/14/2006		S <sup>(1)</sup>		500	D	\$ 50.53

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Common Stock	08/14/2006	<u>S</u> <sup>(1)</sup>	900	D	\$ 50.55	39,772	D	
Common Stock	08/14/2006	<u>S</u> <sup>(1)</sup>	2,500	D	\$ 50.64	37,272	D	
Common Stock	08/14/2006	<u>S</u> <sup>(1)</sup>	200	D	\$ 50.67	37,072	D	
Common Stock	08/15/2006	<u>M</u> <sup>(1)</sup>	5,000	A	\$ 40.25	42,072	D	
Common Stock	08/15/2006	<u>S</u> <sup>(1)</sup>	500	D	\$ 50.42	41,572	D	
Common Stock	08/15/2006	<u>S</u> <sup>(1)</sup>	200	D	\$ 50.5	41,372	D	
Common Stock	08/15/2006	<u>S</u> <sup>(1)</sup>	300	D	\$ 50.51	41,072	D	
Common Stock	08/15/2006	<u>S</u> <sup>(1)</sup>	500	D	\$ 50.62	40,572	D	
Common Stock	08/15/2006	<u>S</u> <sup>(1)</sup>	500	D	\$ 50.66	40,072	D	
Common Stock	08/15/2006	<u>S</u> <sup>(1)</sup>	1,800	D	\$ 50.9	38,272	D	
Common Stock	08/15/2006	<u>S</u> <sup>(1)</sup>	900	D	\$ 51	37,372	D	
Common Stock	08/15/2006	<u>S</u> <sup>(1)</sup>	300	D	\$ 51.01	37,072	D	
Common Stock						6,206	<u>I</u> <sup>(2)</sup> <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)

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. (Instr. 3 and 4)
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					Date Exercisable	Expiration Date	Title	Amount or Number of Shares	
			Code	V (A)	(D)				
Option Right to buy	\$ 40.25	08/14/2006	M <sup>(1)</sup>			01/07/1998	01/06/2007	Common Stock	5,000
Option Right to buy	\$ 40.25	08/15/2006	M <sup>(1)</sup>			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

08/16/2006

        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

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