

MINERALS TECHNOLOGIES INC  
 Form 4/A  
 March 17, 2006

**FORM 4**

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

OMB APPROVAL

OMB Number: 3235-0287  
 Expires: January 31, 2005  
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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 \*  
 SAUERACKER PAUL R

2. Issuer Name and Ticker or Trading Symbol  
 MINERALS TECHNOLOGIES INC  
 [MTX]

5. Relationship of Reporting Person(s) to Issuer  
 (Check all applicable)

(Last) (First) (Middle)  
 MINERALS TECHNOLOGIES  
 INC., 405 LEXINGTON AVENUE  
 (Street)

3. Date of Earliest Transaction  
 (Month/Day/Year)  
 05/04/2005

Director  10% Owner  
 Officer (give title below)  Other (specify below)  
 CHAIRMAN, PRESIDENT AND CEO

NEW YORK, NY 10174

4. If Amendment, Date Original Filed(Month/Day/Year)  
 05/05/2005

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 Price (D)		
COMMON STOCK	05/04/2005		M		4,100 A \$ 30.625	29,560	D
COMMON STOCK	05/04/2005		S		4,100 D \$ 67.3	25,460	D
COMMON STOCK	05/04/2005		M		915 A \$ 30.625	26,375	D
COMMON STOCK	05/04/2005		S		915 D \$ 67.39	25,460	D
COMMON STOCK	05/04/2005		M		3,000 A \$ 30.625	28,460	D

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COMMON STOCK 05/04/2005 F 1,390 D \$ 66.05 27,070 <sup>(2)</sup> D

COMMON STOCK 3,081.847 <sup>(1)</sup> I BY 401(K) 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.** SEC 1474 (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 (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)	Amount or Number of Shares
EMPLOYEE STOCK OPTION (RIGHT TO BUY)	\$ 30.625	05/04/2005		M	4,100	<sup>(2)</sup> <sup>(2)</sup>	COMMON STOCK	4,100
EMPLOYEE STOCK OPTION (RIGHT TO BUY)	\$ 30.625	05/04/2005		M	915	<sup>(2)</sup> <sup>(2)</sup>	COMMON STOCK	915
EMPLOYEE STOCK OPTION (RIGHT TO BUY)	\$ 30.625	05/04/2005		M	3,000	<sup>(2)</sup> <sup>(2)</sup>	COMMON STOCK	3,000

## Reporting Owners

Reporting Owner Name / Address

Relationships

Director 10% Owner Officer

Other

SAUERACKER PAUL R  
MINERALS TECHNOLOGIES INC.  
405 LEXINGTON AVENUE  
NEW YORK, NY 10174

X

CHAIRMAN, PRESIDENT AND CEO

## Signatures

VICTORIA LUKAUSKAS FOR PAUL R.  
SAUERACKER

03/17/2006

\_\_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) Based on Minerals Technologies Inc. Savings and Investment Plan statement dated as of March 31, 2005.
  - (2) The option vested in three equal installments beginning on January 25, 1997.

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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