#### MINERALS TECHNOLOGIES INC

Form 4

February 24, 2006

## FORM 4

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

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF

**SECURITIES** 

**OMB APPROVAL OMB** 

3235-0287 Number:

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response... 0.5

if no longer subject to Section 16. Form 4 or Form 5

obligations

may continue.

See Instruction

Check this box

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

1(b).

(Print or Type Responses)

1. Name and Address of Reporting Person \* 5. Relationship of Reporting Person(s) to 2. Issuer Name and Ticker or Trading MASSIMINE KENNETH L Issuer Symbol MINERALS TECHNOLOGIES INC (Check all applicable) [MTX] 3. Date of Earliest Transaction (Last) (First) (Middle) Director 10% Owner X\_ Officer (give title Other (specify (Month/Day/Year) below) MINERALS TECHNOLOGIES 02/22/2006 SENIOR VICE PRESIDENT INC., 405 LEXINGTON AVENUE (Street) 4. If Amendment, Date Original 6. Individual or Joint/Group Filing(Check Filed(Month/Day/Year) Applicable Line) \_X\_ Form filed by One Reporting Person Form filed by More than One Reporting NEW YORK, NY 10174 (City) (State) (Zip) Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned 1. Title of 2. Transaction Date 2A. Deemed 3. 4. Securities 5. Amount of 6. Ownership 7. Nature of Security (Month/Day/Year) Execution Date, if TransactionAcquired (A) or Securities Form: Direct Indirect (Instr. 3) Code Disposed of (D) Beneficially (D) or Beneficial (Instr. 3, 4 and 5) Ownership (Month/Day/Year) (Instr. 8) Owned Indirect (I) Following (Instr. 4) (Instr. 4) Reported (A) Transaction(s) or (Instr. 3 and 4) Code V Amount (D) Price Common By 401(K)  $2,210^{(1)}$ Ι Stock Plan

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

Persons who respond to the collection of SEC 1474 information contained in this form are not (9-02)required to respond unless the form displays a currently valid OMB control number.

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. Transactic 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 o Underlying Securities (Instr. 3 and 4)	
				Code V	(A) (D)	Date Exercisable	Expiration Date	Title	Amor or Numl of Share
EMPLOYEE STOCK OPTION (RIGHT TO BUY)	\$ 53.79	02/22/2006		A	8,900	(2)	02/22/2016	COMMON STOCK	8,90
DEFERRED STOCK	<u>(3)</u>	02/22/2006		A	5,800	<u>(4)</u>	<u>(4)</u>	COMMON STOCK	5,80

# **Reporting Owners**

Reporting Owner Name / Address Relationships

Director 10% Owner Officer Other

MASSIMINE KENNETH L MINERALS TECHNOLOGIES INC. 405 LEXINGTON AVENUE NEW YORK, NY 10174

SENIOR VICE PRESIDENT

### **Signatures**

VICTORIA LUKAUSKAS FOR KENNETH L. MASSIMINE

02/24/2006

Date

\*\*Signature of Reporting Person

### **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) MR. MASSIMINE HAS 2,210 SHARES OF MINERALS TECHNOLOGIES INC. STOCK UNDER THE COMPANY'S 401(K) PLAN. THE INFORMATION IN THIS REPORT IS BASED ON A PLAN STATEMENT DATED AS OF DECEMBER 31, 2005.
- (2) THIS OPTION VESTS IN THREE ANNUAL EQUAL INSTALLMENTS BEGINNING ON FEBRUARY 22, 2007.
- (3) ONE-FOR-ONE
- (4) DEFERRED STOCK ISSUED PURSUANT TO THE COMPANY'S 2001 STOCK AWARD AND INCENTIVE PLAN. DEFERRED STOCK VESTS THREE YEARS FROM DATE OF REPORTING PERSON'S RECEIPT OF NOTIFICATION.

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.

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