MINERALS TECHNOLOGIES INC

Form 4

February 29, 2008

FORM 4

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

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF

OMB 3235-0287

OMB APPROVAL

Number:

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January 31, 2005

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

SECURITIES

obligations may continue. See Instruction

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).

(Last)

(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]

(Middle)

Director 10% Owner

3. Date of Earliest Transaction (Month/Day/Year) 02/27/2008

Other (specify X_ Officer (give title Senior Vice President

MINERALS TECHNOLOGIES INC., 405 LEXINGTON AVENUE

(Street)

(First)

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

Person

below)

NEW YORK, NY 10174

(City)	(State) ((State) Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned								
1.Title of Security (Instr. 3)	2. Transaction Date (Month/Day/Year)	3. 4. Securities Acquired Transaction(A) or Disposed of (D) Code (Instr. 3, 4 and 5) (Instr. 8) (A) or			d of (D) 5)	Beneficially (D) or Benefic Owned Indirect (I) Owner		7. Nature of Indirect Beneficial Ownership (Instr. 4)		
Common Stock	02/28/2008		Code V M	Amount 2,334	(D)	Price (3)	8,555	D		
Common Stock	02/28/2008		F	804	D	\$ 60.35	7,751	D		
Common Stock							2,621 (1)	I	By 401(k) Plan	

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

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(9-02)

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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)

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 on Derivative Securities Acquired Disposed (Instr. 3, 4	(A) or of (D)	6. Date Exercisable and Expiration Date (Month/Day/Year)		7. Title and Amour Underlying Securit (Instr. 3 and 4)	
				Code V	(A)	(D)	Date Exercisable	Expiration Date	Title	Amo or Num of Sh
Employee Stock Option (Right to Buy)	\$ 64.16	02/27/2008		A	11,500		<u>(2)</u>	02/27/2018	Common Stock	11,:
Deferred Restricted Stock Units ("DRSUs")	(3)	02/27/2008		A	6,700		<u>(4)</u>	<u>(4)</u>	Common Stock	6,7
DRSUs	(3)	02/28/2008		M		2,334	(5)	(5)	Common Stock	2,3

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

Laszlo Serester for Kenneth L.

Massimine

02/29/2008

**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) Mr. Massimine has 2,621 shares of Minerals Technologies Inc. stock under the Company's 401(k) Plan. The information contained in this report is based on a Plan Statement dated as of February 22, 2008.
- (2) The options vest in three equal annual installments beginning on February 27, 2009.

Reporting Owners 2

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- (3) Each DRSU is the economic equivalent of one share of Minerals Technologies Inc. Common Stock.
- (4) DRSUs vest in three equal annual installments beginning on February 27, 2009. Vested shares will be delivered to the reporting person upon vesting.
- (5) Mr. Massimine was granted 7,000 DRSUs on February 28, 2007, which vest in three equal annual installments beginning on February 28, 2008.

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.