

MINERALS TECHNOLOGIES INC  
 Form 4  
 February 29, 2008

**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 \*  
**FORREST KIRK G**

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

5. Relationship of Reporting Person(s) to Issuer  
 (Check all applicable)  
 \_\_\_ Director \_\_\_ 10% Owner  
 Officer (give title below) \_\_\_ Other (specify below)  
**VICE PRESIDENT**

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

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

**NEW YORK, NY 10174**

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) |       |                |
|---------------------------------|--------------------------------------|--|--------------------------------|---|---|--|-----------------------------------|-------|----------------|
|                                 |                                      |  |                                | (A) or (D)  | Price   |  |                                   |       |                |
|                                 |                                      |  |                                | Code  | V   | Amount   |                                   |       |                |
| Common Stock                    | 02/28/2008                           |  | M                              |   | 1,567   | A  | (4) 5,022                         | D     |                |
| Common Stock                    | 02/28/2008                           |  | F                              |   | 592   | D  | \$ 60.35                          | 4,430 | D              |
| Common Stock                    | 02/29/2008                           |  | S                              |   | 455   | D  | \$ 60.03                          | 3,975 | D              |
| Common Stock                    |                                      |  |                                |   |   |  | 585 (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)

**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) | Amount or Number of Shares |
|--|--|--------------------------------------|--|--------------------------------|---|--|---|----------------------------|
| Employee Stock Option (Right to Buy)       | \$ 64.16   | 02/27/2008                           |  | A                              | 7,500   | <u>(2)</u> 02/27/2018                                    | Common Stock  | 7,500                      |
| Deferred Restricted Stock Units ("DRSUs")  | <u>(3)</u>   | 02/27/2008                           |  | A                              | 4,700   | <u>(4)</u> <u>(4)</u>                                    | Common Stock  | 4,700                      |
| DRSUs                                      | <u>(3)</u>   | 02/28/2008                           |  | M                              | 1,567   | <u>(5)</u> <u>(5)</u>                                    | Common Stock  | 1,567                      |

## Reporting Owners

| Reporting Owner Name / Address   | Relationships |           |                |       |
|--|---------------|-----------|----------------|-------|
|  | Director      | 10% Owner | Officer        | Other |
| FORREST KIRK G<br>MINERALS TECHNOLOGIES INC.<br>405 LEXINGTON AVENUE<br>NEW YORK, NY 10174 |               |           | VICE PRESIDENT |       |

## Signatures

Laszlo Serester for Kirk G.  
Forrest 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. Forrest has 585 shares of Minerals Technologies Inc. Common Stock under the Company's 401(k) Plan. The information 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.
- (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. Forrest was granted 4,700 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.