

MINERALS TECHNOLOGIES INC

Form 4

December 17, 2007

**FORM 4****UNITED STATES SECURITIES AND EXCHANGE COMMISSION  
Washington, D.C. 20549**

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

## OMB APPROVAL

OMB  
Number: 3235-0287  
Expires: January 31,  
2005  
Estimated average  
burden hours per  
response... 0.5

(Print or Type Responses)

1. Name and Address of Reporting Person \*  
MUSCARI JOSEPH C

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

3. Date of Earliest Transaction  
(Month/Day/Year)  
12/14/2007

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

(Street)  
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<br>Security<br>(Instr. 3) | 2. Transaction Date<br>(Month/Day/Year) | 2A. Deemed<br>Execution Date, if<br>any<br>(Month/Day/Year) | 3. Transaction<br>Code<br>(Instr. 8) | 4. Securities<br>Acquired (A) or<br>Disposed of (D)<br>(Instr. 3, 4 and 5) | 5. Amount of<br>Securities<br>Beneficially<br>Owned<br>Following<br>Reported<br>Transaction(s)<br>(Instr. 3 and 4) | 6. Ownership<br>Form: Direct<br>(D) or Indirect<br>(I)<br>(Instr. 4) | 7. Nature of<br>Indirect<br>Beneficial<br>Ownership<br>(Instr. 4) |
|---------------------------------------|-----------------------------------------|-------------------------------------------------------------|--------------------------------------|----------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------|-------------------------------------------------------------------|
|                                       |                                         |                                                             | Code                                 | V Amount (D) Price                                                         |                                                                                                                    |                                                                      |                                                                   |

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

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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<br>Derivative | 2. Conversion | 3. Transaction Date<br>(Month/Day/Year) | 3A. Deemed<br>Execution Date, if | 4. Transaction | 5. Number<br>of | 6. Date Exercisable and<br>Expiration Date | 7. Title and Amount of<br>Underlying Securities | 8. Price<br>Derivative |
|---------------------------|---------------|-----------------------------------------|----------------------------------|----------------|-----------------|--------------------------------------------|-------------------------------------------------|------------------------|
|---------------------------|---------------|-----------------------------------------|----------------------------------|----------------|-----------------|--------------------------------------------|-------------------------------------------------|------------------------|

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| Security<br>(Instr. 3)    | or Exercise<br>Price of<br>Derivative<br>Security | any<br>(Month/Day/Year) | Code<br>(Instr. 8) | Derivative<br>Securities<br>Acquired<br>(A) or<br>Disposed<br>of (D)<br>(Instr. 3, 4,<br>and 5) | (Month/Day/Year) | (Instr. 3 and 4) | Security<br>(Instr. 5) |                    |                 |                                        |      |
|---------------------------|---------------------------------------------------|-------------------------|--------------------|-------------------------------------------------------------------------------------------------|------------------|------------------|------------------------|--------------------|-----------------|----------------------------------------|------|
|                           |                                                   |                         | Code               | V                                                                                               | (A)              | (D)              | Date<br>Exercisable    | Expiration<br>Date | Title           | Amount<br>or<br>Number<br>of<br>Shares |      |
| Phantom<br>Stock<br>Units | (1)                                               | 12/14/2007              | A                  |                                                                                                 | 1.36             |                  | (2)                    | (2)                | Common<br>Stock | 1.36                                   | \$ 0 |

## Reporting Owners

| Reporting Owner Name / Address                                                               | Relationships |           |                             |       |
|----------------------------------------------------------------------------------------------|---------------|-----------|-----------------------------|-------|
|                                                                                              | Director      | 10% Owner | Officer                     | Other |
| MUSCARI JOSEPH C<br>MINERALS TECHNOLOGIES INC.<br>405 LEXINGTON AVENUE<br>NEW YORK, NY 10174 | X             |           | Chairman, President and CEO |       |

## Signatures

Laszlo Serester For Joseph C.  
Muscari

12/17/2007

\*\*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) Each phantom stock unit, when redeemed, will have the value of one share of the Company's common stock on the first business day of the month in which payment is made.
- (2) The phantom stock units were accrued under the Minerals Technologies Inc. Non-Funded Deferred Compensation and Unit Award Plan for Non-Employee Directors and are to be settled in cash upon the reporting person's termination of service as a director.

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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