

MUSCARI JOSEPH C

Form 4

March 19, 2010

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

OMB APPROVAL

OMB Number: 3235-0287

Expires: January 31, 2005

Estimated average burden hours per response... 0.5

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 \*  
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)

405 LEXINGTON AVENUE

(Street)

NEW YORK, NY 10174

(City)

(State)

(Zip)

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

03/17/2010

\_\_\_\_ Director \_\_\_\_ 10% Owner  
\_\_\_\_X\_\_\_\_ Officer (give title \_\_\_\_ Other (specify  
below) below)

Chief Executive Officer

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

6. Individual or Joint/Group Filing(Check  
Applicable Line)  
\_\_\_\_X\_\_\_\_ Form filed by One Reporting Person  
\_\_\_\_ Form filed by More than One Reporting  
Person

**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.

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

## Edgar Filing: MUSCARI JOSEPH C - Form 4

| (Instr. 3)                | Price of<br>Derivative<br>Security | (Month/Day/Year) | (Instr. 8) | Acquired<br>(A) or<br>Disposed of<br>(D)<br>(Instr. 3, 4,<br>and 5) |       |     |                     |                    |                 |                                        |    | (Instr. 8) |
|---------------------------|------------------------------------|------------------|------------|---------------------------------------------------------------------|-------|-----|---------------------|--------------------|-----------------|----------------------------------------|----|------------|
|                           |                                    |                  | 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)                                | 03/17/2010       | A          |                                                                     | 1.709 |     | (2)                 | (2)                | Common<br>Stock | 1.709                                  | \$ |            |

## Reporting Owners

| Reporting Owner Name / Address                                 | Relationships                    |
|----------------------------------------------------------------|----------------------------------|
|                                                                | Director 10% Owner Officer Other |
| MUSCARI JOSEPH C<br>405 LEXINGTON AVENUE<br>NEW YORK, NY 10174 | Chief Executive Officer          |

## Signatures

Thomas J. Meek for Joseph C.  
Muscari

03/19/2010

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 is the economic equivalent of one share of Minerals Technologies Inc. Common Stock.
- (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.  
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.