

MUSCARI JOSEPH C  
Form 4  
March 03, 2010

# FORM 4

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

OMB APPROVAL

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## 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)

3. Date of Earliest Transaction  
(Month/Day/Year)  
03/01/2010

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

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)
			Code	V	Amount (A) or Price (D)		
Common Stock	03/01/2010		M		6,833 A \$ 23,591	D	
Common Stock	03/01/2010		F		3,431 D \$ 49.4 20,160	D	
Common Stock	03/01/2010		M		6,666 A \$ 26,826	D	
Common Stock	03/01/2010		F		3,347 D \$ 49.4 23,479	D	
Common Stock	03/01/2010		M		20,000 A \$ 43,479	D	

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Common Stock	03/01/2010	F	10,044	D	\$ 49.4	33,435	D	
Common Stock						741 <sup>(2)</sup>	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)	8. Amount or Number of Shares	
				Code	V (A) (D)	Date Exercisable	Expiration Date	Title	
Deferred Restricted Stock Units (DRSUs)	<u>(1)</u>	03/01/2010		M	6,833	<u>(3)</u>	<u>(3)</u>	Common Stock	6,833
DRSUs	<u>(1)</u>	03/01/2010		M	6,666	<u>(4)</u>	<u>(4)</u>	Common Stock	6,666
DRSUs	<u>(1)</u>	03/01/2010		M	20,000	<u>(5)</u>	<u>(5)</u>	Common Stock	20,000

## Reporting Owners

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

## Signatures

Thomas Meek for Joseph C. Muscari  
03/03/2010

\_\_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 DRSU is the economic equivalent of one share of Minerals Technologies Inc. Common Stock.
- (2) Mr. Muscari has 741 shares of Minerals Technologies Inc. Common Stock under the Company's 401(k) Plan. The information contained in this report is based on a Plan Statement dated as of March 1, 2010.
- (3) Mr. Muscari was granted 20,500 DRSUs on February 27, 2008, which vest in three equal annual installments beginning on February 27, 2009.
- (4) Mr. Muscari was granted 20,000 DRSUs on March 1, 2007, which vest in three equal installments beginning on March 1, 2008.
- (5) Mr. Muscari was granted 20,000 DRSUs on March 1, 2007, which vest on the third year anniversary of the grant date.

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.