

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 *			2. Issuer Name and Ticker or Trading Symbol	5. Relationship of Reporting Person(s) to Issuer
MUSCARI JOSEPH C			MINERALS TECHNOLOGIES INC [MTX]	(Check all applicable)
(Last)	(First)	(Middle)	3. Date of Earliest Transaction (Month/Day/Year)	<input type="checkbox"/> Director <input type="checkbox"/> 10% Owner <input checked="" type="checkbox"/> Officer (give title below) <input type="checkbox"/> Other (specify below)
405 LEXINGTON AVENUE			03/01/2010	Chief Executive Officer
(Street)			4. If Amendment, Date Original Filed(Month/Day/Year)	6. Individual or Joint/Group Filing(Check Applicable Line) <input checked="" type="checkbox"/> Form filed by One Reporting Person <input type="checkbox"/> Form filed by More than One Reporting Person
NEW YORK, NY 10174				
(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 (D) Price		
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.