MUSCARI JOSEPH C

Form 4

March 01, 2011

FORM 4

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

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF

SECURITIES

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OMB APPROVAL

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Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934, obligations Section 17(a) of the Public Utility Holding Company Act of 1935 or Section may continue.

30(h) of the Investment Company Act of 1940

1(b).

(Print or Type Responses)

See Instruction

1. Name and A MUSCARI	Symbol	2. Issuer Name and Ticker or Trading Symbol MINERALS TECHNOLOGIES INC [MTX]					5. Relationship of Reporting Person(s) to Issuer (Check all applicable)					
(Last) 622 THIRD	(Last) (First) (Middle) 522 THIRD AVENUE			3. Date of Earliest Transaction (Month/Day/Year) 02/27/2011					Director 10% Owner X Officer (give title Other (specify below) below) CHIEF EXECUTIVE OFFICER			
NEW YORI		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					
(City)	(State)	(Zip)	Tabl	e I - Non-D	erivative	Secur	rities Acq	uired, Disposed o	f, or Beneficial	ly Owned		
1.Title of Security (Instr. 3)	2. Transaction Date (Month/Day/Year) Execution any (Month/Day			Date, if Transaction(A Code (In				5. Amount of Securities Beneficially Owned Following Reported Transaction(s) (Instr. 3 and 4)	7. Nature of Indirect Beneficial Ownership (Instr. 4)			
Common Stock	02/27/2011			M	6,833	A	<u>(1)</u>	53,271	D			
Common Stock	02/27/2011			F	3,449	D	\$ 64.32	49,822	D			
Common Stock								879 <u>(2)</u>	I	By 401(k)		

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

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number.

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. Transactic Code (Instr. 8)	5. Number out 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. Pr Deri Secu (Inst
				Code V	(A) (D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares	
Deferred Restricted Stock Units (DRSUs)	(1)	02/27/2011		M	6,833	(3)	(3)	Common Stock	6,833	

Reporting Owners

Reporting Owner Name / Address Relationships

Director 10% Owner Officer Other

MUSCARI JOSEPH C 622 THIRD AVENUE NEW YORK, NY 10017

CHIEF EXECUTIVE OFFICER

Signatures

By: Thomas J. Meek for Joseph C. Muscari

03/01/2011

**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 Mineral Technologies Inc. Common Stock.
- (2) The information contained in this report is based on a Plan Statement dated as of February 28, 2011.
- (3) The DRSU?s were granted on February 27, 2008 and vest in three equal installments beginning on February 27, 2009.

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.

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