FORM 4

## UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

washington, D.C. 20549	OMB APP	ROVAL
STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP	OMB Number:	3235

	OMB Number:	3235-0287
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-	hours nor resnance.	0.5

Check this box if no longer subject to Section 16. Form 4 or Form 5 obligations may continue. See Instruction 1(b).

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934 or Section 30(h) of the Investment Company Act of 1940

1. Name and Address of Reporting Person*  MUSCARI JOSEPH C					2. Issuer Name <b>and</b> Ticker or Trading Symbol  MINERALS TECHNOLOGIES INC [ MTX ]									elationship o eck all applic Directo	able)	g Perso	10% Ow Other (sp	ner	
(Last) 622 THII	(Fi RD AVENU	•	(Middle)			3. Date of Earliest Transaction (Month/Day/Year) 01/28/2012									below)	EXECU	TIVE	below) E OFFICE	R
(Street) NEW YO	Street) NEW YORK NY 10017				-   4. l	4. If Amendment, Date of Original Filed (Month/Day/Year)									Individual or Joint/Group Filing (Check Applicable ne)  X Form filed by One Reporting Person Form filed by More than One Reporting Person				
(City)	(Si		(Zip)		<u> </u>														
Table I - Non-Deriva  1. Title of Security (Instr. 3)  2. Transa Date (Month/D			saction	ction 2A. Deemed Execution Date,			3. Trar Cod	Transaction Disposed Of Code (Instr. 5)			of, or Beneficially ties Acquired (A) or I Of (D) (Instr. 3, 4 and			5. Amount of Securities Beneficially Owned Following		: Direct C Indirect E str. 4)	'. Nature of Indirect Beneficial Ownership		
									Cod	e v	Amount	() 1)	A) or O)	Price	Reported Transact (Instr. 3 a	ion(s)		1	Instr. 4)
Common Stock			01/2	8/201	2			М		10,66	66	A	(1)	76,	76,775		D		
Common Stock		01/2	8/201	3/2012					5,36	8	D	\$63.9	5 71,	71,407		D			
Common Stock		01/2	6/201	/2012			P		0		A	\$0	934(2)				3y 401(k)		
		7	Гable II -								oosed of convert				Owned				
Derivative Conversion Date Execution Date, T Security Or Exercise (Month/Day/Year) If any				ansaction of ode (Instr. Derivative			Expiration Date of Secu (Month/Day/Year) Underly Derivat				curities erlying		8. Price of Derivative Security (Instr. 5)	9. Number derivative Securities Beneficial Owned Following Reported Transactio (Instr. 4)	ly	10. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	11. Nature of Indirect Beneficial Ownership (Instr. 4)		
					Code	v	(A)	(D)	Date Exerci	sable	Expiration Date	Title		Amount or Number of Shares					
Deferred Restricted Stock Units	(1)	01/28/2012			M			10,666	(3		(3)	Comr		10,666	\$0	19,951		D	

## **Explanation of Responses:**

- 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 January 25, 2012.
- 3. The DRSUs were granted on January 28, 2009 and vest in three equal installments beginning on January 28, 2010.

Thomas Meek for Joseph Muscari

02/01/2012

\*\* Signature of Reporting Person

Date

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

- \* 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).

Note: File three copies of this Form, one of which must be manually signed. If space is insufficient, see Instruction 6 for procedure.

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 Number.