SOREL JOHN A Form 4 July 21, 2008

FORM 4

OMB APPROVAL

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

OMB 3235-0287 Number:

Check this box if no longer subject to Section 16. Form 4 or

January 31, Expires: 2005

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF **SECURITIES**

Estimated average burden hours per response... 0.5

Form 5 obligations may continue. See Instruction

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

1(b).

(Print or Type Responses)

1. Name and Ads SOREL JOHN	•	rting Person *	2. Issuer Name and Ticker or Trading Symbol	5. Relationship of Reporting Person(s) to Issuer			
			MINERALS TECHNOLOGIES INC [MTX]	(Check all applicable)			
(Last)	(First)	(Middle)	3. Date of Earliest Transaction (Month/Day/Year)	Director 10% Owner X Officer (give title Other (specify			
MINERALS TECHNOLOGIES INC., 405 LEXINGTON AVENUE			07/01/2008	below) below) SENIOR VICE PRESIDENT			
	(Street)		4. If Amendment, Date Original	6. Individual or Joint/Group Filing(Check			
			Filed(Month/Day/Year)	Applicable Line)			
NEW YORK, NY 10174				_X_ Form filed by One Reporting Person Form filed by More than One Reporting Person			
(City)	(State)	(Zip)	Table I Non Dominatine Committee Acc	wind Diseased of an Donoficially Orange			

INT: W	TOKK, NT	101/4		

(City)	(State) (Table Table	e I - Non-D	erivative	Secur	ities Acqu	uired, Disposed of	f, or Beneficial	y Owned
1.Title of Security (Instr. 3)	2. Transaction Date (Month/Day/Year)	2A. Deemed Execution Date, if any (Month/Day/Year)	3. Transactio Code (Instr. 8)	4. Securi n(A) or Di (Instr. 3,	ispose 4 and (A) or	d of (D)	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 Indirect Beneficial Ownership (Instr. 4)
Common Stock	07/01/2008		M	3,100	A	(<u>1</u>)	12,640	D	
Common Stock	07/01/2008		F	1,047	D	\$ 63.82	11,593	D	
Common Stock							3,027 (2)	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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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. Transacti Code (Instr. 8)	5. Number 6. Date Exercisable and Expiration Date Securities (Month/Day/Year) 8) Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5)		7. Title and Amount of Underlying Securities (Instr. 3 and 4)		
				Code V	(A) (D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares
Deferred Restricted Stock Units ("DRSUs")	Ш	07/01/2008		M	3,100	(3)	(3)	Common Stock	3,100

Reporting Owners

Reporting Owner Name / Address Relationships

Director 10% Owner Officer Other

SOREL JOHN A MINERALS TECHNOLOGIES INC. 405 LEXINGTON AVENUE NEW YORK, NY 10174

SENIOR VICE PRESIDENT

Signatures

Sorel

Charles Malone for John A.

07/21/2008

**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. Sorel has 3,027 shares of Minerals Technologies Inc. stock under the Company's 401(k) Plan. The information contained in this report is based on a Plan Statement dated as of July 18, 2008.
- (3) Mr. Sorel was granted 3,100 DRSUs on July 1, 2003, which vested on July 1, 2008.

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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