

MINERALS TECHNOLOGIES INC  
 Form 4  
 March 23, 2005

**FORM 4**

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

OMB APPROVAL

OMB Number: 3235-0287  
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Check this box if no longer subject to Section 16. Form 4 or Form 5 obligations may continue. See Instruction 1(b).

**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 \*  
 CIPOLLA MICHAEL

(Last) (First) (Middle)

MINERALS TECHNOLOGIES INC., 405 LEXINGTON AVENUE

(Street)

NEW YORK, NY 10174

(City) (State) (Zip)

2. Issuer Name and Ticker or Trading Symbol  
 MINERALS TECHNOLOGIES INC [MTX]

3. Date of Earliest Transaction (Month/Day/Year)  
 03/22/2005

4. If Amendment, Date Original Filed(Month/Day/Year)

5. Relationship of Reporting Person(s) to Issuer  
 (Check all applicable)  
 \_\_\_ Director \_\_\_ 10% Owner  
 Officer (give title below) \_\_\_ Other (specify below)  
 VICE PRESIDENT

6. Individual or Joint/Group Filing(Check Applicable Line)  
 Form filed by One Reporting Person  
 \_\_\_ Form filed by More than One Reporting Person

**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 Indirect Beneficial Ownership (Instr. 4)
				(A) or (D)	Price		
COMMON STOCK	03/22/2005		M	A	\$ 6,829 39.531	7,329	D
COMMON STOCK	03/22/2005		M	A	\$ 750 43.375	8,079	D
COMMON STOCK	03/22/2005		S	D	\$ 67	1,000	D
COMMON STOCK						2,669 <sup>(1)</sup>	I

By  
 401(K)

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)	Amount or Number of Shares
EMPLOYEE STOCK OPTION (RIGHT TO BUY)	\$ 39.531	03/22/2005	03/22/2005	M	6,829	(2) (2)	COMMON STOCK	6,829
EMPLOYEE STOCK OPTION (RIGHT TO BUY)	\$ 43.375	03/22/2005	03/22/2005	M	750	(4) (4)	COMMON STOCK	750

## Reporting Owners

Reporting Owner Name / Address	Relationships			
	Director	10% Owner	Officer	Other
CIPOLLA MICHAEL MINERALS TECHNOLOGIES INC. 405 LEXINGTON AVENUE NEW YORK, NY 10174			VICE PRESIDENT	

## Signatures

VICTORIA LUKAUSKAS FOR MICHAEL CIPOLLA  
03/23/2005

\_\_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) Based on Minerals Technologies Inc. Savings and Investment Plan statement dated as of December 31, 2004.
- (2) The option vested in three equal installments beginning on January 28, 2000.
- (3) One-For-One.
- (4) The option vested in three equal installments beginning on January 22, 1999.

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

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