

FORM 4

UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

OMB APPROVAL
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STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP

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: CURCIO JOHN B
2. Issuer Name and Ticker or Trading Symbol: MINERALS TECHNOLOGIES INC [MTX]
3. Date of Earliest Transaction (Month/Day/Year): 07/01/2003
4. If Amendment, Date of Original Filed (Month/Day/Year)
5. Relationship of Reporting Person(s) to Issuer: X Director 10% Owner
6. Individual or Joint/Group Filing (Check Applicable Line): X Form filed by One Reporting Person

Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned

Table with 7 columns: 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)

Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned (e.g., puts, calls, warrants, options, convertible securities)

Table with 11 columns: 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 Securities Underlying Derivative Security (Instr. 3 and 4), 8. Price of Derivative Security (Instr. 5), 9. Number of derivative Securities Beneficially Owned Following Reported Transaction(s) (Instr. 4), 10. Ownership Form: Direct (D) or Indirect (I) (Instr. 4), 11. Nature of Indirect Beneficial Ownership (Instr. 4)

Explanation of Responses:

- 1. EACH PHANTOM STOCK UNIT, WHEN REDEEMED, WILL HAVE THE VALUE OF ONE SHARE OF THE COMPANY'S COMMON STOCK ON THE FIRST BUSINESS DAY OF THE MONTH IN WHICH PAYMENT IS MADE.
2. THE PHANTOM STOCK UNITS WERE ACCRUED UNDER THE MINERALS TECHNOLOGIES INC. NON-FUNDED DEFERRED COMPENSATION AND UNIT AWARD PLAN FOR NON-EMPLOYEE DIRECTOR'S AND ARE TO BE SETTLED IN CASH UPON THE REPORTING PERSON'S RETIREMENT.
3. THE REPORTING PERSON ALSO DIRECTLY OWNS EMPLOYEE STOCK OPTIONS TO PURCHASE 190 SHARES OF MTX COMMON STOCK AT \$46.625 PER SHARE WHICH BECAME EXERCISABLE IN THREE EQUAL ANNUAL INSTALLMENTS BEGINNING ON JANUARY 24, 2003 AND EXPIRING ON JANUARY 24, 2012.

LINDA A. BUGGELN FOR JOHN CURCIO 07/02/2003
** 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.