

BOURUET AUBERTOT ALAIN  
Form 4  
December 10, 2007

**FORM 4** UNITED STATES SECURITIES AND EXCHANGE COMMISSION  
Washington, D.C. 20549

OMB APPROVAL  
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**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 \*  
BOURUET AUBERTOT ALAIN

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

5. Relationship of Reporting Person(s) to Issuer  
  
(Check all applicable)

(Last) (First) (Middle)

3. Date of Earliest Transaction  
(Month/Day/Year)  
12/06/2007

\_\_\_\_ Director  
\_\_\_\_ Officer (give title below)  10% Owner  
\_\_\_\_ Other (specify below)  
Former Senior Vice President

MINERALS TECHNOLOGIES INC., 405 LEXINGTON AVENUE  
  
(Street)

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

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

NEW YORK, NY 10174

(City) (State) (Zip)

**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 Ownership (Instr. 4) |
|---------------------------------|--------------------------------------|--|--------------------------------|---|---|--|-----------------------------------|
|                                 |                                      |  |                                | (A) or (D) Code V Amount Price                                    |   |  |                                   |
| Common Stock                    | 12/06/2007                           |  | S                              | 900 D \$ 68.94  | 2,421   | D  |                                   |
| Common Stock                    | 12/06/2007                           |  | S                              | 600 D \$ 68.89  | 1,821   | D  |                                   |
| Common Stock                    | 12/06/2007                           |  | S                              | 300 D \$ 68.9   | 1,521   | D  |                                   |
| Common Stock                    | 12/06/2007                           |  | S                              | 300 D \$ 68.98  | 1,221   | D  |                                   |
| Common Stock                    | 12/06/2007                           |  | S                              | 300 D \$ 68.91  | 921   | D  |                                   |

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|              |            |   |     |   |          |                    |   |                |
|--------------|------------|---|-----|---|----------|--------------------|---|----------------|
| Common Stock | 12/06/2007 | S | 400 | D | \$ 68.92 | 521                | D |                |
| Common Stock | 12/06/2007 | S | 112 | D | \$ 68.88 | 409                | D |                |
| Common Stock | 12/06/2007 | S | 200 | D | \$ 68.95 | 209                | D |                |
| Common Stock | 12/06/2007 | S | 100 | D | \$ 68.96 | 109                | D |                |
| Common Stock | 12/06/2007 | S | 100 | D | \$ 68.93 | 9                  | D |                |
| Common Stock | 12/10/2007 | S | 9   | D | \$ 69.04 | 0                  | D |                |
| Common Stock |            |   |     |   |          | 768 <sup>(1)</sup> | 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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(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) | 8. Price of Derivative Security (Instr. 5) | 9. Number of Derivative Securities Owned Following Transaction (Instr. 6) |
|--|--|--------------------------------------|--|--------------------------------|---|--|---|--|---|
|--|--|--------------------------------------|--|--------------------------------|---|--|---|--|---|

## Reporting Owners

| Reporting Owner Name / Address   | Relationships |           |         |                              |
|--|---------------|-----------|---------|------------------------------|
|  | Director      | 10% Owner | Officer | Other                        |
| BOURUET AUBERTOT ALAIN<br>MINERALS TECHNOLOGIES INC.<br>405 LEXINGTON AVENUE |               |           |         | Former Senior Vice President |

NEW YORK, NY 10174

## Signatures

LASZLO SERESTER FOR ALAIN  
BOURUET-AUBERTOT

12/10/2007

\_\_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) Mr. Bouruet-Aubertot has 752 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 February 22, 2007.

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.