

MATERIAL SCIENCES CORP  
 Form 4  
 April 11, 2008

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

OMB APPROVAL

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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 \*  
 Froisland James M

2. Issuer Name and Ticker or Trading Symbol  
 MATERIAL SCIENCES CORP  
 [MSC]

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

(Last) (First) (Middle)  
 385 PERSIMMON DRIVE  
 (Street)

3. Date of Earliest Transaction  
 (Month/Day/Year)  
 04/11/2008

\_\_\_\_ Director \_\_\_\_\_ 10% Owner  
 Officer (give title below) \_\_\_\_\_ Other (specify below)  
 Snr VP, CFO, CIO & Secretary

ST. CHARLES, IL 60174  
 (City) (State) (Zip)

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

**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 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                            | (D) | Price |

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

**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 control number.**

SEC 1474  
 (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 | 2. Conversion or Exercise | 3. Transaction Date (Month/Day/Year) | 3A. Deemed Execution Date, if any | 4. Transaction Code | 5. Number of Derivative Securities | 6. Date Exercisable and Expiration Date (Month/Day/Year) | 7. Title and Amount of Underlying Securities (Instr. 3 and 4) | 8. D |
|---------------------------------|---------------------------|--------------------------------------|-----------------------------------|---------------------|------------------------------------|--|---|------|
|---------------------------------|---------------------------|--------------------------------------|-----------------------------------|---------------------|------------------------------------|--|---|------|

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| (Instr. 3)      | Price of<br>Derivative<br>Security | (Month/Day/Year) | (Instr. 8) | Acquired (A)<br>or Disposed of<br>(D)<br>(Instr. 3, 4,<br>and 5) | Code | V | (A) | (D) | Date<br>Exercisable | Expiration<br>Date | Title           | Amount<br>or<br>Number<br>of Shares |
|-----------------|------------------------------------|------------------|------------|--|------|---|-----|-----|---------------------|--------------------|-----------------|-------------------------------------|
| Stock<br>Option | \$ 8                               | 04/11/2008       | A          | 35,948   |      |   |     |     | <u>(1)</u>          | 04/10/2018         | Common<br>Stock | 35,948                              |

## Reporting Owners

| Reporting Owner Name / Address                                    | Relationships |           |                              |       |
|---|---------------|-----------|------------------------------|-------|
|   | Director      | 10% Owner | Officer                      | Other |
| Froisland James M<br>385 PERSIMMON DRIVE<br>ST. CHARLES, IL 60174 |               |           | Snr VP, CFO, CIO & Secretary |       |

## Signatures

/s/ James M.  
Froisland 04/11/2008  
 \_\_Signature of Date  
 Reporting Person

## 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) The option will become 50% vested on the third anniversary of the grant date and 50% vested on the third anniversary of the grant date provided certain performance measures are met.

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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