

HOHMANN FRANK L III
 Form 4
 August 16, 2010

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 *
 HOHMANN FRANK L III

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

5. Relationship of Reporting Person(s) to Issuer

(Check all applicable)

(Last) (First) (Middle)

3. Date of Earliest Transaction (Month/Day/Year)
 08/12/2010

Director 10% Owner
 Officer (give title below) Other (specify below)

C/O BARBARA NIMS,
 ESQ., DAVIS POLK &
 WARDWELL

(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 10017

(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 or Disposed of (A) or (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 Ownership (Instr. 4) |
|---------------------------------|--------------------------------------|--|--------------------------------|--|---|--|--|
| | | | | (A) or (D) | Price | | |
| | | | | Code | V | Amount | |
| Common Stock | 08/12/2010 | | S | D | \$ 2,000 | 1,021,620 | D |
| Common Stock | 08/12/2010 | | S | D | \$ 4.1 | 1,020,620 | D |
| Common Stock | 08/13/2010 | | S | D | \$ 4.2 | 1,017,620 | D |
| Common Stock | 08/16/2010 | | S | D | \$ 4.15 | 1,014,620 | D |
| | | | | | 367,000 | I | By GRATs |

| | | | | |
|--------------|--------|---|-----------------------------------|--|
| Common Stock | | | | |
| Common Stock | 5,000 | I | Trust for daughter ⁽¹⁾ | |
| Common Stock | 10,700 | I | Trust for son ⁽¹⁾ | |
| Common Stock | 40,000 | I | By charitable Foundation | |

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. Nu Deriv Secur Bene Own Follo Repo Trans (Instr |
|--|--|--------------------------------------|--|--------------------------------|---|--|---|--|--|
|--|--|--------------------------------------|--|--------------------------------|---|--|---|--|--|

Reporting Owners

| Reporting Owner Name / Address | Relationships | | | |
|--|---------------|-----------|---------|-------|
| | Director | 10% Owner | Officer | Other |
| HOHMANN FRANK L III C/O BARBARA NIMS, ESQ. DAVIS POLK & WARDWELL NEW YORK, NY 10017 | X | | | |

Signatures

/s/ JAMES D. PAWLAK, VP, CFO, attorney
in fact

08/16/2010

__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) THE REPORTING PERSON DISCLAIMS BENEFICIAL OWNERSHIP OF THESE SHARES, EXCEPT TO THE EXTENT OF HIS PECUNIARY INTEREST THERIN.

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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