UNITED STATES

SECURITIES AND EXCHANGE COMMISSION

WASHINGTON, DC 20549

FORM 8-K

CURRENT REPORT

Pursuant to Section 13 or 15(d) of the Securities Exchange Act of 1934

Date of report (Date of earliest event reported): July 8, 2004

MATERIAL SCIENCES CORPORATION

(EXACT NAME OF REGISTRANT AS SPECIFIED IN ITS CHARTER)

Delaware (State or other jurisdiction of incorporation)

1-8803 (Commission File Number) 95-2673173 (IRS Employer Identification No.)

2200 East Pratt Boulevard

Elk Grove Village, Illinois 60007

(Address of Principal Executive Offices, including Zip Code)

(847) 439-8270

(Registrant s Telephone Number, Including Area Code)

Not Applicable

(Former Name or Former Address, if Changed Since Last Report)

Item 12. Results of Operations and Financial Condition.

On July 8, 2004, we issued a press release announcing financial results for the first quarter ended May 31, 2004. A copy of the press release is being furnished as Exhibit 99.1 to this Form 8-K and is incorporated by reference herein.

The information, including Exhibit 99.1, in this Form 8-K is being furnished and shall not be deemed filed for purposes of Section 18 of the Securities Exchange Act of 1934 or otherwise subject to the liabilities of that Section. The information in this Form 8-K shall not be incorporated by reference into any filing under the Securities Act of 1933, except as shall otherwise be expressly set forth by specific reference in such filing.

2

SIGNATURES

Pursuant to the requirements of the Securities Exchange Act of 1934, the Registrant has duly caused this report to be signed on its behalf by the undersigned hereunto duly authorized.

MATERIAL SCIENCES CORPORATION

/s/ JAMES J. WACLAWIK, SR.

By: James J. Waclawik, Sr. Its: Vice President and Chief Financial Officer

Date: July 8, 2004

3

EXHIBIT INDEX

Exhibit No.

•

99.1 Press Release dated July 8, 2004.

4