

UNITED STATES
SECURITIES AND EXCHANGE COMMISSION

WASHINGTON, D.C. 20549

FORM 8-K
CURRENT REPORT

PURSUANT TO SECTION 13 OR 15(d) OF THE SECURITIES EXCHANGE ACT OF 1934

Date of Report: March 26, 2004

Commission file number 1-3295

MINERALS TECHNOLOGIES INC.

(Exact name of registrant as specified in its charter)

Delaware

(State or other jurisdiction of
incorporation or organization)

The Chrysler Building
405 Lexington Avenue
New York, New York

(address of principal executive office)

25-1190717

(I.R.S. Employer
Identification Number)

10174-1901

(Zip Code)

(212) 878-1800

(Registrant's telephone number including area code)

Item 5. Other Events

On March 26, 2004, Minerals Technologies Inc. (the "Company") issued two press releases.

In the first press release, attached to this Current Report on Form 8-K as Exhibit 99.1, the Company announced that it expects first quarter earnings per share to be in the range of \$0.58 to \$0.63, including restructuring charges of \$0.02. This press release contains some forward-looking statements, which describe or are based on the company's current expectations. Actual results may differ materially from these expectations. The company undertakes no obligation to publicly update any forward-looking statement, whether as a result of new information, future events, or otherwise. Forward-looking statements in this document should be evaluated together with the many uncertainties that affect our businesses, particularly those mentioned in the cautionary statements of our 2003 Form 10-K and in our other reports filed with the Securities and Exchange Commission.

In the second press release, attached to this Current Report on Form 8-K as Exhibit 99.2, the Company announced that it signed a second commercial contract with a major glassmaker for use of of Synsil[®] products.

Item 7. Financial Statements and Exhibits

(c) Exhibits

99.1 - Press Release issued by Minerals Technologies Inc. on March 26, 2004.

99.2 - Press Release issued by Minerals Technologies Inc. on March 26, 2004.

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SIGNATURE

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, thereunto duly authorized.

MINERALS TECHNOLOGIES INC.

By: /s/ S. Garrett Gray
S. Garrett Gray
Vice President, General Counsel and
Secretary

Date: March 26, 2004

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EXHIBIT INDEX

<u>Exhibit No.</u>	<u>Description</u>
99.1	Press Release issued by Minerals Technologies Inc. on March 26, 2004
99.2	Press Release issued by Minerals Technologies Inc. on March 26, 2004

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News

For Immediate Release
March 26, 2004

Contact:
Rick B. Honey
(212) 878-1831

**MINERALS TECHNOLOGIES INC. EXPECTS FIRST QUARTER EARNINGS
PER SHARE TO BE IN THE RANGE OF \$0.58 TO \$0.63, INCLUDING
RESTRUCTURING CHARGES OF \$0.02**

*Company Remains Optimistic that Full Year Earnings per Share
Will be Between \$2.90 and \$3.00, Excluding Restructuring Charges*

NEW YORK, March 26--Minerals Technologies Inc. (NYSE: MTX) announced today that it expects its first quarter earnings per share to be between \$0.58 and \$0.63, including restructuring charges of \$0.02 from the program announced late last year. The First Call average is \$0.68.

"We indicated in our fourth quarter 2003 earnings conference call in January that, although we expected good growth for the full year, we anticipated the first quarter would be particularly weak," said Paul R. Saueracker, chairman, president and chief executive officer. "A number of factors contributed to that weakness: a sluggish paper industry, including continued paper mill shutdowns; the effect of our agreement with International Paper Company, which became effective in the second quarter of 2003; and, the cyclical nature of equipment installations in the refractories segment. In addition, in the first quarter we increased research and development spending, as we had announced. Despite the weak first quarter, we remain optimistic that Minerals Technologies is on track to earn between \$2.90 and \$3.00 per share for the full year 2004."

MTI is a global resource- and technology-based growth company that develops, produces and markets the highest quality performance-enhancing minerals and related products, systems and services for the paper, steel, polymer and other manufacturing industries. The company reported sales of \$813.7 million in 2003.

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For further information about Minerals Technologies Inc. look on the Internet at www.mineralstech.com

News

For Immediate Release
March 26, 2004

Contact:
Rick B. Honey
(212) 878-1831

MINERALS TECHNOLOGIES SIGNS SECOND COMMERCIAL CONTRACT WITH A MAJOR GLASSMAKER FOR USE OF SYNsil[®] PRODUCTS

NEW YORK, March 26--Minerals Technologies Inc. (NYSE: MTX) announced today that it has signed its second contract to supply Synsil[®] products to the same major glass manufacturer that signed the first supply agreement in the fourth quarter of 2003. At the request of the glass manufacturer, Minerals Technologies will not disclose its name.

"We are pleased that the same glass manufacturer that first decided to use our Synsil[®] products on a commercial basis has agreed to sign a second contract for supply of the material at a second glass manufacturing facility," said Paul R. Saueracker, chairman, president and chief executive officer. "We believe this continued acceptance further confirms the value of Synsil[®] products, which originated in our research and development laboratories. We continue to run trials with other glassmakers and the body of evidence is increasing in support of Synsil[®] products as a partial replacement of the conventional raw materials used in glass manufacturing."

In glass production, Synsil[®] products, a family of synthetic silicate minerals, improves yields, increases throughput, reduces energy requirements, and reduces emissions.

MTI is a global resource- and technology-based growth company that develops, produces and markets the highest quality performance-enhancing minerals and related products, systems and services for the paper, steel, polymer and other manufacturing industries. The company reported sales of \$813.7 million in 2003.

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For further information about Minerals Technologies Inc. look on the Internet at www.mineralstech.com