

**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 (Date of earliest event reported): **October 6, 2004**

MINERALS TECHNOLOGIES INC.

(Exact name of registrant as specified in its charter)

Delaware



(State or other jurisdiction
of incorporation)

1-3295



(Commission File
Number)

25-1190717



(IRS Employer
Identification No.)

405 Lexington Avenue, New York, NY



(Address of principal executive offices)

10174-1901



(Zip Code)

(212) 878-1800



(Registrant's telephone number, including area code)

Check the appropriate box below if the Form 8-K filing is intended to simultaneously satisfy the filing obligation of the registrant under any of the following provisions.

Written communications pursuant to Rule 425 under the Securities Act (17 CFR 230.425)

Soliciting material pursuant to Rule 14a-12 under the Exchange Act (17 CFR 240.14a-12)

Pre-commencement communications pursuant to Rule 14d-2(b) under the Exchange Act (17 CFR 240.14d-2(b))

Item 8.01 Other Events.

On October 6, 2004, Specialty Minerals Inc., a wholly owned subsidiary of Minerals Technologies Inc., issued a press release concerning a five percent price increase on ground limestone and lime products. A copy of the press release is attached as Exhibit 99.1.

Item 9.01 Financial Statements and Exhibits.

(c) Exhibits

99.1 Press Release dated October 6, 2004

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.

MINERALS TECHNOLOGIES INC.
(Registrant)

By: /s/ **S. Garrett Gray**


Name: S. Garrett Gray
Title: Secretary

Date: October 6, 2004

MINERALS TECHNOLOGIES INC.

EXHIBIT INDEX

Exhibit No.	Subject Matter
99.1	Press Release dated October 6, 2004

News

For Immediate Release
October 6, 2004

Contact:

Rick B. Honey
(212) 878-1831

SPECIALTY MINERALS INC. INITIATES A 5-PERCENT PRICE INCREASE ON GROUND LIMESTONE AND LIME PRODUCTS

NEW YORK, October 6--Specialty Minerals Inc., a wholly owned subsidiary of Minerals Technologies Inc., announced today that effective October 1, 2004, or as permitted by contracts, prices for ground limestone and lime products increased an average of 5 percent.

These price increases were necessary to ensure an adequate supply of high quality products to meet customers' growing needs.

During 2004, production costs have been affected by two primary factors: energy prices and capital costs associated with expansions. Natural gas, oil and electrical costs continue to remain at levels significantly above historical norms.

In 2004, demand for high quality ground limestone often exceeded available supply. Specialty Minerals extended shipment lead times and put customers on allocation as orders sometimes outpaced production capability. In response, SMI has embarked upon a comprehensive expansion plan to address any shortfall in production capacity.

Minerals Technologies Inc. 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
<http://www.mineralstech.com>*