

**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 4, 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 4, 2004, Specialty Minerals Inc., a wholly owned subsidiary of Minerals Technologies Inc., issued a press release concerning the dedication of a new merchant facility in Walsum, Germany, for the production of precipitated calcium carbonate for use in paper coating. 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 4, 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 4, 2004

News

For Immediate Release
October 4, 2004

Contact:

Rick B. Honey
(212) 878-1831

**SPECIALTY MINERALS INC. DEDICATES NEW FACILITY NEAR
DUISBURG, GERMANY, FOR THE PRODUCTION OF PRECIPITATED
CALCIUM CARBONATE FOR PAPER COATING**

NEW YORK, October 4--Specialty Minerals Inc. a wholly owned subsidiary of Minerals Technologies Inc. (NYSE: MTX), today dedicated a new merchant facility for the production of precipitated calcium carbonate (PCC) for use in paper coating. This facility is located at the Steag AG power generation site in Walsum, near Duisburg, Germany.

"The initial annual production capacity at this facility will be 125,000 tons of PCC with a future capacity of 500,000 tons," said Paul R. Saueracker, chairman, president and chief executive officer of Minerals Technologies Inc.

This facility will produce sophisticated PCC coating products for use in high-quality publication and graphic art papers. Walsum is central to one of the world's largest concentrations of manufacturing for these types of papers.

"We are bringing new PCC technology to the many producers of high quality coated papers in this area." Mr. Saueracker continued. "Because of the excellent access to highway, rail and water distribution networks from this location, our PCC pigments produced here will be used to coat paper throughout Central Europe. In addition, our site within the existing Steag AG power generation facility allows for the environmentally positive and economical use of existing resources: carbon dioxide, process water, electricity and wastewater treatment."

PCC is a specialty pigment for filling and coating high-quality paper. By substituting PCC for more expensive wood fiber, and other, more expensive pigments, the paper industry is able to produce better quality paper at lower cost. Specialty Minerals started its large-scale PCC business for paper applications in the United States in the 1980s when it constructed satellite PCC plants on-site at paper mills. In North America, in the 1980s and 1990s, Specialty Minerals was instrumental in revolutionizing the way paper was made. Today, virtually all of the uncoated freesheet paper in North America is made using this process.

"We built our first satellite plant in 1986 and today we have 56 such facilities in operation or under construction. We operate in 17 countries with the largest concentration of our business in North America followed by Europe, Asia and Latin America. Specialty Minerals supplies PCC to premier paper companies around the world." said Mr. Saueracker.

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>*