

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): **August 14, 2006**

MINERALS TECHNOLOGIES INC.

(Exact name of registrant as specified in its charter)

Delaware

1-3295

25-1190717

(State or other jurisdiction
of incorporation)

(Commission File
Number)

(IRS Employer
Identification No.)

405 Lexington Avenue, New York, NY

10174-0002

(Address of principal executive offices)

(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))
- Pre-commencement communications pursuant to Rule 13e-4(c) under the Exchange Act (17 CFR 240.13e-4(c))

Item 8.01 Other Events.

On August 14, 2006 Minerals Technologies Inc. issued a press release announcing that its wholly owned subsidiary, Minteq International Inc., has signed an agreement, subject to successful completion of due diligence, to acquire ASMAS, an Istanbul-based Turkish producer of refractories. A copy of the press release is attached hereto as Exhibit 99.1 and incorporated by reference herein.

Item 9.01 Financial Statements and Exhibits.

(c) Exhibits

99.1 Press Release dated August 14, 2006

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/Kirk G. Forrest

Name: Kirk G. Forrest

Date: August 14, 2006

MINERALS TECHNOLOGIES INC.

EXHIBIT INDEX

Exhibit No.	Subject Matter
99.1	Press Release dated August 14, 2006

News

For Immediate Release
August 14, 2006

Contact:

Rick B. Honey
(212) 878-1831

MINERALS TECHNOLOGIES INC. TO ACQUIRE REFRATORIES BUSINESS IN TURKEY

NEW YORK, August 14—Minerals Technologies Inc (**NYSE: MTX**) announced today that its wholly owned subsidiary, Minteq International Inc. has signed an agreement, subject to successful completion of due diligence, to acquire ASMAS, an Istanbul-based Turkish producer of refractories. The terms of the agreement were not disclosed.

Both Minteq International and ASMAS are producers of monolithic refractories, which are used primarily by the steel industry to protect the interior of steel-making vessels and molten metal handling equipment from extremely high temperatures.

ASMAS reported net sales of \$20 million in 2005. The refractories segment of Minerals Technologies Inc. reported sales in 2005 of \$328 million.

"We believe the refractories business of ASMAS provides an excellent fit with our own refractories business," said Paul R. Saueracker, chairman, president and chief executive officer of Minerals Technologies. "We expect the transaction will be completed in the fourth quarter of 2006 and that the acquisition will be accretive to earnings per share in 2007. It offers an attractive option for Minteq to increase its ability to service the rapidly growing steel industries in Eastern Europe and the Middle East."

Alain F. Bouruet-Aubertot, senior vice president and managing director of Minteq International Inc., said: "The acquisition of ASMAS, with its own kilns and sources of magnesite, represents an opportunity for vertical integration, which will enhance Minteq's ability to offer its state-of-the-art refractory technology to steel industry customers in the Middle East and Eastern Europe through an attractive delivered cost position."

Minerals Technologies Inc. is a global resource- and technology-based growth company that develops, produces and markets worldwide a broad range of specialty mineral, mineral-based and synthetic mineral products and related systems and services. The company recorded sales on \$995.8 million in 2005.

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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 2005 Form 10-K and in our other reports filed with the Securities and Exchange Commission.

For further information about Minerals Technologies Inc. look on the internet at
<http://www.mineralstech.com>