
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 25, 2010**

MINERALS TECHNOLOGIES INC.

(Exact name of registrant as specified in its charter)

Delaware

(State or other jurisdiction
of incorporation)

1-11430

(Commission File
Number)

25-1190717

(IRS Employer
Identification No.)

622 Third Avenue, New York, NY

(Address of principal executive offices)

10017-0002

(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))
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Item 8.01**Other Events.**

On October 25, 2010, Minerals Technologies Inc. issued a press release announcing that it has signed a commercial agreement with a leading Asian paper company to deploy a new, high-filler product under the Fulfill™ technology platform at a paper mill in Asia.

A copy of the press release is included as Exhibit 99.1 and is incorporated into this Item 8.01 by reference.

Item 9.01**Financial Statements and Exhibits.**

- (d) Exhibits
 - 99.1 Press Release dated October 25, 2010
-

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/ Thomas J. Meek

Name: Thomas J. Meek
Title: Vice President, General Counsel and Secretary

Date: October 25, 2010

MINERALS TECHNOLOGIES INC.

EXHIBIT INDEX

Exhibit No.	Subject Matter
99.1	Press Release dated October 25, 2010



Exhibit 99.1

News

For Immediate Release
October 25, 2010

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

MINERALS TECHNOLOGIES INC. LAUNCHES FULFILL™ TECHNOLOGY PLATFORM OF HIGH FILLER PRODUCTS

COMPANY SIGNS FIRST COMMERCIAL AGREEMENT

*Novel High-Filler Technology Will Provide This Papermaker Significant Cost Savings
By Increasing PCC Filler Usage 20%*

NEW YORK, October 25, 2010—Minerals Technologies Inc., (NYSE: MTX) announced today that it has signed a commercial agreement with a leading Asian paper company to deploy a new, high-filler product under the Fulfill™ technology platform at a paper mill in Asia. This agreement marks the first commercialization of what Minerals Technologies has branded as Fulfill™, a system of high-filler technologies that offers papermakers a variety of efficient, flexible solutions that decreases dependency on natural fiber and reduces costs. The range of product offerings provided by Fulfill™ allows papermakers to choose the appropriate set of solutions designed to significantly increase PCC filler usage beyond current levels.

“We’ve rejuvenated our product pipeline around the core objective of enabling our customers to produce higher quality paper at lower costs,” said Joseph C. Muscari, chairman and chief executive officer. “This agreement marks the first step in our on-going commitment to advancing our technology leadership throughout each of our global markets.”

These products and technologies will be tailored for specific operational parameters at different papermakers depending on their individual needs. The primary

benefit of the Fulfill™ brand is choice—the ability to choose the right approach to increase filler levels based on specific customer needs. This decreases the papermaker’s reliance on higher cost pulp, which, in turn reduces their cost to manufacture paper while maintaining quality standards.

“Our first customer, who wants to remain anonymous for competitive reasons, has already demonstrated the ability to increase filler levels by at least 20 percent. The Fulfill™ brand of products will be augmented further with other technologies now in development,” said D.J. Monagle, senior vice president and managing director, Paper PCC. “Each of these new approaches has the potential to significantly increase consumption of our PCC.”

PCC is a specialty pigment for filling and coating high-quality paper. By substituting Minerals Technologies’ PCC for more expensive wood fiber, customers are able to produce brighter, higher quality paper at lower cost. In 1986, Minerals Technologies originated the satellite concept for making and delivering PCC on-site at paper mills and the concept was a major factor in revolutionizing papermaking in North America. Today, the company has 53 satellite plants in operation or under construction around the world and continues to lead the industry with consistent quality and technical innovation.

Minerals Technologies Inc. is a 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 of \$907.3 million in 2009.

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