MINERALS TECHNOLOGIES INC Form 8-K

February 22, 2010

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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

MINERALS TECHNOLOGIES INC.

Date of Report (Date of earliest event reported): February 22, 2010

(Exact name of registrant as specified in its charter)

Delaware 1-11430 25-1190717 (State or other jurisdiction (Commission File (IRS Employer of incorporation) Number) Identification No.) 405 Lexington Avenue, New York, NY 10174-0002 (Zip Code) (Address of principal executive offices) (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)

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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 February 22, 2010, Minerals Technologies Inc. issued a press release announcing that its Board of Directors has authorized a share repurchase program of \$75 million over a two-year period.

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 February 22, 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: February 22, 2010

MINERALS TECHNOLOGIES INC.

EXHIBIT INDEX

Exhibit No. Subject Matter

99.1 Press Release dated February 22, 2010