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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**

Date of Report (Date of earliest event reported): **September 18, 2013**

**MINERALS TECHNOLOGIES INC.**  
(Exact name of registrant as specified in its charter)

<u>Delaware</u> (State or other jurisdiction of incorporation)	<u>1-11430</u> (Commission File Number)	<u>25-1190717</u> (IRS Employer Identification No.)
<u>622 Third Avenue, New York, NY</u> (Address of principal executive offices)		<u>10017-6707</u> (Zip Code)
	<u>(212) 878-1800</u> (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 September 19, 2013 the Company issued a press release announcing that on September 18, 2013 its Board of Directors authorized a \$150 million share repurchase program that it will execute over a two-year period. This authorization will become effective when the current two-year \$75 million program is completed in October of this year.

A copy of the press release announcing the share repurchase program is attached hereto as Exhibit 99.1 and incorporated by reference herein.

**Item 9.01        Financial Statements and Exhibits.**

(d) Exhibits

99.1 Press Release Dated September 19, 2013

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## 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: Senior Vice President, General Counsel,  
Human Resources, Secretary and Chief  
Compliance Officer

Date: September 19, 2013

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**MINERALS TECHNOLOGIES INC.**

**EXHIBIT INDEX**

**Exhibit No.**

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**Subject Matter**

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99.1

Press Release dated September 19, 2013



For Immediate Release  
September 19, 2013

**EXHIBIT 99.1**

# News

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

## **MINERALS TECHNOLOGIES BOARD AUTHORIZES \$150 MILLION, TWO-YEAR SHARE REPURCHASE PROGRAM**

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NEW YORK, September 19—Minerals Technologies Inc. (NYSE: MTX) announced today that its Board of Directors has authorized a \$150 million share repurchase program that it will execute over a two-year period. This authorization will become effective when the current two-year \$75 million program is completed in October of this year.

"Our Board of Directors has indicated its confidence in the company's strategic direction, high performance and cash-generating ability by authorizing a share repurchase program that is twice as large as previous buyback programs," said Robert S. Wetherbee, president and chief executive officer. "This larger program is a continuation of the balanced approach to the use of our cash that we have been taking to increase shareholder value."

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 \$1.01 billion in 2012.

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*For further information about Minerals Technologies Inc. look on the internet at <http://www.mineralstech.com/>*  
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**Contact:**  
**Rick B. Honey**  
**(212) 878-1831**