

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 26, 2008**

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 5.02 **Departure of Directors or Certain Officers; Election of Directors; Appointment of Certain Officers; Compensatory Arrangements of Certain Officers.**

(b) On September 26, 2008, Minerals Technologies Inc. issued a press release announcing that Kenneth L. Massimine will leave his position as Senior Vice President and Managing Director, Paper PCC, effective October 1, 2008 and will retire from the Company effective April 1, 2009.

A copy of the press release is included as Exhibit 99.1 and is incorporated into this Item 5.02 by reference.

Item 9.01 **Financial Statements and Exhibits.**

(d) Exhibits


99.1 Press Release dated September 26, 2008

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
Title: Vice President, General Counsel
and Secretary

Date: September 29, 2008

MINERALS TECHNOLOGIES INC.

EXHIBIT INDEX

| Exhibit No. | Subject Matter |
|--------------------|--|
| 99.1 | Press Release dated September 26, 2008 |

News

For Immediate Release
September 26, 2008

Contact:

Rick B. Honey
(212) 878-1831

**MINERALS TECHNOLOGIES NAMES D.J. MONAGLE
SENIOR VICE PRESIDENT & MANAGING DIRECTOR, PAPER PCC;
DOUGLAS W. MAYGER TO SUCCEED MONAGLE AS VICE PRESIDENT & MANAGING
DIRECTOR, PERFORMANCE MINERALS**

NEW YORK, September 26 - Minerals Technologies Inc. (NYSE: MTX) announced today that effective October 1, D.J. Monagle will become senior vice president & managing director, Paper PCC, and that Douglas Mayger will succeed Mr. Monagle as vice president & managing director, Performance Minerals. Mr. Monagle will replace Kenneth L. Massimine, who is retiring from the company effective April 1, 2009.

D.J. Monagle joined the company in 2003 as director, Global Marketing, Paper PCC. He was appointed vice president, North America, Paper PCC, in 2004 and vice president, the Americas, PCC in 2006. He was named to his present position in November 2007. Before joining Minerals Technologies, Mr. Monagle worked for the Paper Technology Group at Hercules Inc. between 1990 and 2003, where he held sales and marketing positions of increasing responsibility. These included sales representative and district sales manager, from 1993 to 1995; product manager of Rosin Sizing Products, 1995 to 1996; Marketing manager for Uncoated Papers, 1996 through 1998; and senior marketing manager from 1998 to 2001. Mr. Monagle worked on the Hercules corporate Work Process Redesign team specializing in logistics from 2001 to 2003. Between 1985 and 1990, he served as an aviation officer in the U.S. Army's 11th Armored Cavalry Regiment, leaving the service as a tro op commander with a rank of Captain. Mr. Monagle holds a B. S. degree in Chemistry from Mount St. Mary's College in Emmitsburg, Maryland.

Douglas Mayger is presently general manager-Carbonates West, Performance Minerals. Mr. Mayger joined the company in 2002 as plant manager in Lucerne Valley, California. In 2005, he was named business manager for the Western Region and assumed his present position earlier this year. Mr. Mayger, who received his early education at schools in Switzerland, has lived abroad in India, Malaysia and Germany. He holds a B.S. degree in Mining Engineering from the University of Missouri-Rolla. Before joining Minerals Technologies, he served as vice president of Operations for Aggregate Industries from 1997 to 2002. He began his career with Allied Chemical, where he served as a mining engineer from 1981 to 1986. Between 1986 and 1995, he was a general superintendent for Vulcan Materials Company, and from 1995 to 1997 he was director of Operations at Medusa Mining Ltd. Mr. Mayger will become an officer of the company and a member of the Leadership Council, th e company's senior management team.

Kenneth L. Massimine will serve on special assignment, reporting to Joseph C. Muscari, chairman and chief executive officer, until his retirement. Mr. Massimine joined the company in 1992 as the assistant director of marketing responsible for all non-paper related product applications and over the years assumed positions of increasing responsibility. He was named to his present position in 2002.

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 of \$1.08 billion in 2007.

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