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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): **December 1, 2009**

**MINERALS TECHNOLOGIES INC.**

(Exact name of registrant as specified in its charter)

**Delaware**

**1-11430**

**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))
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**Item 1.01                    Entry Into a Material Definitive Agreement**

The disclosure set forth below under Item 5.02 is incorporated by reference herein.

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

On December 1, 2009, Minerals Technologies Inc. (the “Company”) announced that its Board of Directors (the “Board”) had elected Robert L. Clark, Ph.D., Dean of the Hajim School of Engineering and Applied Sciences at the University of Rochester, as a member of the Board, effective as of January 1, 2010. The Board has not yet determined the committees of the Board on which Dr. Clark will serve.

As a new member of the Board, Dr. Clark will be entitled to the same compensation provided to each of the current non-employee members of the Board. This includes an annual retainer fee of \$93,000, comprised of \$40,000 paid in cash and \$53,000 in phantom stock units which have the economic value of one share of the Company’s common stock. Under the Company’s Nonfunded Deferred Compensation and Unit Award Plan for Non-Employee Directors (the “Deferred Compensation Plan”), Dr. Clark will have the right to defer his fee, which would then be credited to his account as phantom stock units. Dr. Clark will also be eligible to receive additional phantom stock units awarded pursuant to the Deferred Compensation Plan.

In addition, the Company has entered into an indemnification agreement with Dr. Clark (the “Indemnification Agreement”), the terms of which are consistent with those previously executed by each of the current members of the Board. The form of such Indemnification Agreement is more fully described in the Company’s Current Report on Form 8-K filed on May 8, 2009, which description is incorporated by reference herein. Such description does not purport to be complete, however, and is qualified in its entirety by reference to the form of Indemnification Agreement, which is attached as Exhibit 10.1 to the Company’s Current Report on Form 8-K filed on May 8, 2009, and incorporated herein by reference.

There are no arrangements or understandings between Dr. Clark and any other persons pursuant to which Dr. Clark was elected as a director. There are no current or proposed transactions between the Company and Dr. Clark or his immediate family members requiring disclosure under Item 404(a) of Regulation S-K promulgated by the Securities and Exchange Commission.

On December 1, 2009, the Company issued a press release announcing Dr. Clark’s election to the Board of Directors. 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**

**(d) Exhibits.**

<u>Exhibit No.</u>	<u>Description</u>
99.1	Press Release dated December 1, 2009

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10.1 Form of Indemnification Agreement (incorporated by reference to Exhibit 10.1 to the Company's Current Report on Form 8-K filed with the Securities and Exchange Commission on May 8, 2009)

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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

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Name: Thomas J. Meek

Title: Vice President, General Counsel and Secretary

Date: December 1, 2009

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**EXHIBIT LIST**

<b>EXHIBIT NUMBER</b>	<b>DESCRIPTION</b>
99.1	Press Release dated December 1, 2009

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# News

For Immediate Release  
December 1, 2009

Contact:  
Rick Honey  
(212) 878-1831

## **MINERALS TECHNOLOGIES ELECTS ROBERT L. CLARK, Ph.D. TO BOARD OF DIRECTORS**

NEW YORK, December 1—Minerals Technologies Inc. (**NYSE: MTX**) announced today that its Board of Directors has elected Robert L. Clark, Ph.D., Dean of the Hajim School of Engineering and Applied Sciences at the University of Rochester, a member of the board.

“We are very pleased to have someone of Dr. Clark’s caliber on our Board of Directors,” said Joseph C. Muscari, Chairman and Chief Executive Officer. “He will bring a wealth of knowledge and expertise—particularly in nanoscience—to our initiatives to bring new, innovative products to market.”

Dr. Clark was named to his present position on 2008. Before joining the University of Rochester, he spent 16 years at Duke University, where he was appointed Assistant Professor in 1992. During his tenure at Duke, Dr. Clark assumed roles of increasing responsibility including Senior Associate Dean from 2002 to 2007, Chair of the Mechanical Engineering and Materials Science Department in 2007 and Dean of the Pratt School of Engineering from 2007 to 2008.

Dr. Clark received his bachelors, masters and doctorate degrees in Mechanical Engineering from Virginia Polytechnic Institute and State University. Between 1993 and 1996, he was Vice President and Senior Research Scientist at Adaptive Technologies in Blacksburg, Virginia. A holder of three patents relating to acoustics and co-author of *Adaptive Structures: Dynamics and Control*, he has founded and consulted to several

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start-up companies, and has published widely in journals. Dr. Clark's research interests include dynamic systems and control, acoustics, nanoscience and nanoengineering.

Dr. Clark is a Fellow of the Acoustical Society of America; a Fellow of the American Society of Mechanical Engineers; an Associate Fellow of the American Institute of Aeronautics and Astronautics; a member of the American Society of Engineering Educators; and a member of the Biophysical Society. From 2005 to 2006, Dr. Clark served as a member of the Governor's Task Force on Nanotechnology and North Carolina's Economy.

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 \$1.1 billion in 2008.

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