
**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): **February 1, 2016**

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)

10017-6707

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

On February 1, 2016, Minerals Technologies Inc. (the "Company") and Joseph C. Muscari, the Company's Chairman and Chief Executive Officer, entered into a Sixth Amendment (the "Sixth Amendment") to Mr. Muscari's Employment Agreement dated November 27, 2006. Pursuant to the Sixth Amendment, the term of Mr. Muscari's employment has been increased from nine years to ten years, with the term ending no earlier than March 1, 2017. The foregoing description does not purport to be complete and is qualified in its entirety by the Sixth Amendment, a copy of which is attached as Exhibit 10.1, which is incorporated herein by reference.

Item 9.01 **Financial Statements and Exhibits.**

(d) Exhibits

10.1 Sixth Amendment to Employment Agreement, dated February 1, 2016, by and between Joseph C. Muscari and the Company

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: February 1, 2016

MINERALS TECHNOLOGIES INC.

EXHIBIT INDEX

Exhibit No.

Subject Matter

10.1

Sixth Amendment to Employment Agreement, dated February 1, 2016, by and between Joseph C. Muscari and the Company

**SIXTH AMENDMENT TO
EMPLOYMENT AGREEMENT**

This Sixth Amendment, made as of February 1, 2016, by and between Minerals Technologies Inc., a Delaware corporation (the "Employer") and Joseph C. Muscari (the "Executive").

WHEREAS, the Employer and the Executive previously entered into an employment agreement, dated November 27, 2006, which was subsequently amended by the First Amendment thereto, dated as of December 18, 2008, the Second Amendment thereto, dated as of July 21, 2010, the Third Amendment thereto, dated as of February 1, 2013, the Fourth Amendment thereto, dated as of March 1, 2014, and the Fifth Amendment thereto, dated as of February 24, 2015 (as amended thereby, the "Employment Agreement"); and

WHEREAS, the Employer and the Executive now wish to amend the Employment Agreement to extend its expiration date;

NOW, THEREFORE, the Employer and the Executive hereby amend the Employment Agreement, effective the date hereof, as follows:

1. The second sentence of Section 1(a) is hereby amended to read as follows:

For purposes of this Agreement, "Term" shall mean a period of ten (10) years beginning on the Commencement Date and ending on the day before the tenth anniversary thereof, but not earlier than March 1, 2017.

IN WITNESS WHEREOF, the Employer and the Executive have executed and delivered this amendment effective as of the date shown above.

MINERALS TECHNOLOGIES INC.

By: /s/ Thomas J. Meek
Thomas J. Meek
Senior Vice-President, General Counsel,
Human Resources, Secretary and Chief Compliance Officer

2/1/2016
Date

Agreed to by:
/s Joseph C. Muscari
Joseph C. Muscari

2/1/2016
Date