
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 22, 2014**

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 1.04**Mine Safety – Reporting of Shutdowns and Patterns of Violations.**

On December 22, 2014, Specialty Minerals Inc., a subsidiary of Minerals Technologies Inc., received an imminent danger order issued by the Mine Safety and Health Administration under section 107(a) of the Federal Mine Safety and Health Act of 1977 at its Adams Mine in Adams, Massachusetts. The order alleges that an operator was walking on an apron feeder for a dryer that was energized and moving forward during a cleaning operation. The cleaning operation was stopped immediately and the operator was removed from the apron section. No injuries occurred in connection with the cited incident.

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: December 29, 2014