
**UNITED STATES
SECURITIES AND EXCHANGE COMMISSION
WASHINGTON, DC 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 7, 2012

Martin Marietta Materials, Inc.

(Exact Name of Registrant as Specified in Its Charter)

North Carolina
(State or Other Jurisdiction
of Incorporation)

1-12744
(Commission
File Number)

56-1848578
(IRS Employer
Identification No.)

2710 Wycliff Road, Raleigh, North Carolina
(Address of Principal Executive Offices)

27607
(Zip Code)

(919) 781-4550
(Registrant's Telephone Number, Including Area Code)

Not Applicable
(Former Name or Former Address, if Changed Since Last Report)

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 Certain Officers; Election of Directors; Appointment of Certain Officers; Compensatory Arrangements of Certain Officers.

Mr. Bruce A. Vaio, Executive Vice President of Martin Marietta Materials, Inc. (the "Company"), has resigned as of December 28, 2012. Mr. Vaio informed the Company that he is resigning his position as an officer of the Company to pursue personal interests.

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.

MARTIN MARIETTA MATERIALS, INC.

(Registrant)

Date: December 7, 2012

By: _____ /s/ Roselyn R. Bar

Roselyn R. Bar
Senior Vice President, General Counsel
and Corporate Secretary