W R GRACE & CO

Form 4

February 22, 2016

FORM 4

UNITED STATES SECURITIES AND EXCHANGE COMMISSION Washington, D.C. 20549

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF

SECURITIES

OMB

3235-0287 Number:

OMB APPROVAL

January 31, Expires: 2005

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Check this box

obligations may continue. See Instruction

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934, Section 17(a) of the Public Utility Holding Company Act of 1935 or Section 30(h) of the Investment Company Act of 1940

1(b).

(Print or Type Responses)

1. Name and Address of Reporting Person * La Force Andrew Hudson III

2. Issuer Name and Ticker or Trading Symbol

5. Relationship of Reporting Person(s) to Issuer

(Last)

(First)

(Middle)

3. Date of Earliest Transaction

W R GRACE & CO [GRA]

(Month/Day/Year) 02/18/2016

(Check all applicable)

Director 10% Owner X_ Officer (give title _ Other (specify

below) President, COO and CFO

C/O W. R. GRACE & CO., 7500 **GRACE DRIVE**

(Street)

4. If Amendment, Date Original Filed(Month/Day/Year)

6. Individual or Joint/Group Filing(Check

Applicable Line)

X Form filed by One Reporting Person Form filed by More than One Reporting

Person

COLUMBIA, MD 21044

(City)	(State)	(Zip) Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficial						y Owned	
1.Title of Security (Instr. 3)	2. Transaction Date (Month/Day/Year)	2A. Deemed Execution Date, if any (Month/Day/Year)	3. Transactio Code (Instr. 8)	4. Securities Acquired (A) our Disposed of (D) (Instr. 3, 4 and 5) (A) or		5. Amount of Securities Beneficially Owned Following Reported Transaction(s) (Instr. 3 and 4)	6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	7. Nature of Indirect Beneficial Ownership (Instr. 4)	
Common Stock, par value \$0.01 per share (1)	02/18/2016		Code V M	Amount 32,821	(D)	Price \$ 34.03		D	
Common Stock, par value \$0.01 per share (1)	02/18/2016		F	22,238	D	\$ 69.815	60,582 (2)	D	

Reminder: Report on a separate line for each class of securities beneficially owned directly or indirectly.

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SEC 1474 (9-02)

Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned (e.g., puts, calls, warrants, options, convertible securities)

1. Title of Derivative Security (Instr. 3)	2. Conversion or Exercise Price of Derivative Security	3. Transaction Date (Month/Day/Year)	3A. Deemed Execution Date, if any (Month/Day/Year)	4. Transaction Code (Instr. 8)	TransactiorDerivative Code Securities		6. Date Exercisable and Expiration Date (Month/Day/Year)		7. Title and Amount of Underlying Securities (Instr. 3 and 4)	
				Code V	(A) (D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares	
Employee Stock Options (rights to buy)	\$ 34.03	02/18/2016		M	32,821	(3)	05/05/2016	Common Stock (1)	32,821	

Reporting Owners

Reporting Owner Name / Address Relationships

Director 10% Owner Officer Other

La Force Andrew Hudson III C/O W. R. GRACE & CO. 7500 GRACE DRIVE COLUMBIA, MD 21044

President, COO and CFO

Signatures

/s/ Sean E. Dempsey, Attorney-in-Fact 02/22/2016

**Signature of Reporting Person Date

Explanation of Responses:

- * If the form is filed by more than one reporting person, see Instruction 4(b)(v).
- ** Intentional misstatements or omissions of facts constitute Federal Criminal Violations. See 18 U.S.C. 1001 and 15 U.S.C. 78ff(a).
- (1) Each share of Common Stock also represents one Preferred Stock Purchase Right. Each such Right entitles the holder to purchase Preferred Stock or other securities or property upon the occurrence of certain events and subject to certain conditions.
- (2) Number of shares reflects rounding down to eliminate fractional share.
- (3) Options became exercisable in three substantially equal annual installments on May 4, 2012; May 3, 2013; and May 5,2014. Note: File three copies of this Form, one of which must be manually signed. If space is insufficient, *see* Instruction 6 for procedure.

Reporting Owners 2

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