W R GRACE & CO
Form 4
February 22, 2017

FORM 4

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

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF SECURITIES

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

OMB APPROVAL

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Check this box if no longer subject to Section 16. Form 4 or Form 5 obligations may continue. *See* Instruction 1(b).

(Print or Type Responses)

1. Name and Address of Reporting Person *
FESTA ALFRED E

(Last) (First) (Middle)

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

(Street)

COLUMBIA, MD 21044

(City) (State) (Zip)

2. Issuer Name **and** Ticker or Trading Symbol
W R GRACE & CO [GRA]

3. Date of Earliest Transaction (Month/Day/Year)
02/21/2017

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

5. Relationship of Reporting Person(s) to Issuer

(Check all applicable)

__X__ Director _____ 10% Owner
__X__ Officer (give title below) _____ Other (specify below)
Chairman and CEO

6. Individual or Joint/Group Filing(Check Applicable Line)
_X_ Form filed by One Reporting Person
___ Form filed by More than One Reporting Person

Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned

1.Title of Security (Instr. 3)	2. Transaction Date (Month/Day/Year)	2A. Deemed Execution Date, if any (Month/Day/Year)	3. Transaction Code (Instr. 8)		4. Securities Acquired (A) or Disposed of (D) (Instr. 3, 4 and 5)			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)
			Code	V	Amount	(A) or (D)	Price			
Common Stock, par value $0.01 per share (1)	02/21/2017		M		80,560 (2)	A	$ 39.02	321,790	D	
Common Stock, par value $0.01 per share (1)	02/21/2017		S		80,560 (2)	D	$ 71.4905 (3)	241,230	D	

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

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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)		5. Number of Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5)		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)	$ 39.02	02/21/2017		M		80,560		(4)	06/28/2017	Common Stock (1)	80,560

Reporting Owners

Reporting Owner Name / Address	Relationships			
	Director	10% Owner	Officer	Other
FESTA ALFRED E C/O W. R. GRACE & CO. 7500 GRACE DRIVE COLUMBIA, MD 21044	X		Chairman and CEO	

Signatures

/s/ Sean E. Dempsey, Attorney-in-Fact	02/22/2017
**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) Exercise and Sale pursuant to Rule 10b5-1 Trading Plan executed by the Reporting Person on February 25, 2016, for options expiring June 28, 2017.

(3) The price reported in column 4 is a weighted average price. These shares were sold in multiple transactions at prices ranging from $71.13 to $71.79, inclusive. The reporting person undertakes to provide W. R. Grace & Co, any security holder of W. R. Grace & Co., or the

staff of the Securities and Exchange Commission, upon request, full information regarding the number of shares sold at each separate price within the range set forth in this footnote.

(4) Options became exercisable in substantially equal installments on each of the first, second and third anniversary of the June 28, 2012 grant date.

Note: File three copies of this Form, one of which must be manually signed. If space is insufficient, *see* Instruction 6 for procedure.
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