W R GRACE & CO

Form 4

February 27, 2017

FORM 4

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

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF

SECURITIES

OMB APPROVAL

OMB Number:

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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 See Instruction

1(b).

(Print or Type Responses)

1. Name and Address of Reporting Person * 5. Relationship of Reporting Person(s) to 2. Issuer Name and Ticker or Trading FESTA ALFRED E Issuer Symbol W R GRACE & CO [GRA] (Check all applicable) (Last) (First) (Middle) 3. Date of Earliest Transaction (Month/Day/Year) _X__ Director 10% Owner X_ Officer (give title Other (specify C/O W. R. GRACE & CO., 7500 02/23/2017 below) **GRACE DRIVE** Chairman and CEO (Street) 4. If Amendment, Date Original 6. Individual or Joint/Group Filing(Check Filed(Month/Day/Year) Applicable Line) _X_ Form filed by One Reporting Person Form filed by More than One Reporting Person

COLUMBIA, MD 21044

(City)	(State)	(Zip) Table	e I - Non-D	erivative	Secur	ities Acqu	uired, Disposed of	, or Beneficiall	y Owned
1.Title of Security (Instr. 3)	2. Transaction Date (Month/Day/Year)	2A. Deemed Execution Date, if any (Month/Day/Year)	3. 4. Securities Acquired Transaction(A) or Disposed of (D) Code (Instr. 3, 4 and 5) (Instr. 8)		Securities Form: Direct Beneficially (D) or Owned Indirect (I) Following (Instr. 4)		7. Nature of Indirect Beneficial Ownership (Instr. 4)		
Common			Code V	Amount	(A) or (D)	Price	Reported Transaction(s) (Instr. 3 and 4)		
Stock, par value \$0.01 per share (1)	02/24/2017		M	5,173	A	(2)	246,403	D	
Common Stock, par value \$0.01 per share (1)	02/24/2017		F	2,468	D	\$ 71.05	243,935	D	

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

Persons who respond to the collection of **SEC 1474** information contained in this form are not (9-02)

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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)	Disposed	vative Expiration Date		7. Title and Amount Underlying Securitie (Instr. 3 and 4)		
				Code V	(A)	(D)	Date Exercisable	Expiration Date	Title	Amou or Numb of Sha
Employee Stock Options (rights to buy)	\$ 71.41	02/23/2017		A	81,834		(3)	02/23/2022	Common Stock (1)	81,83
Restricted Stock Units	<u>(4)</u>	02/23/2017		A	14,879		<u>(5)</u>	(5)	Common Stock (1)	14,8′
Restricted Stock Units	<u>(4)</u>	02/24/2017		M		5,173	<u>(6)</u>	<u>(6)</u>	Common Stock (1)	5,17

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 02/27/2017

**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.

Reporting Owners 2

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- (2) Restricted stock units converted into Common Stock on a one-for-one basis.
- (3) Options become exercisable in three substantially equal annual installments beginning on February 23, 2018.
- (4) Each Restricted Stock Unit represents a contingent right to receive one share of Common Stock or at the Issuer's election, the cash value thereof.
- (5) Restricted Stock Units vest in three substantially equal annual installments beginning on February 23, 2018 and will be settled within 60 days of those vesting dates.
- (6) Restricted Stock Units vest in three substantially equal annual installments beginning on February 24, 2017 and will be settled within 60 days of those vesting dates.

Note: File three copies of this Form, one of which must be manually signed. If space is insufficient, *see* Instruction 6 for procedure. Potential persons who are to respond to the collection of information contained in this form are not required to respond unless the form displays a currently valid OMB number.