

Shelnitz Mark A
Form 4
March 12, 2013

FORM 4

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

OMB APPROVAL

OMB Number: 3235-0287
Expires: January 31, 2015
Estimated average burden hours per response... 0.5

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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

(Print or Type Responses)

1. Name and Address of Reporting Person *
Shelnitz Mark A

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

5. Relationship of Reporting Person(s) to Issuer

(Check all applicable)

(Last) (First) (Middle)
C/O W. R. GRACE & CO., 7500 GRACE DRIVE

3. Date of Earliest Transaction (Month/Day/Year)
03/11/2013

____ Director _____ 10% Owner
 Officer (give title below) _____ Other (specify below)
VP, GC and Secretary

(Street)
COLUMBIA, MD 21044

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

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

(City) (State) (Zip)

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	(D)	Price
Common Stock, par value \$0.01 per share ⁽¹⁾	03/11/2013		M		15,855	A	\$ 19.71
Common Stock, par value \$0.01 per share ⁽¹⁾					9,420.8496	I	
Common Stock, par value \$0.01 per share ⁽¹⁾	03/11/2013		S		15,855	D	\$ 76.5503

By Trust ⁽²⁾

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value
\$0.01 per
share (1)

Common
Stock, par
value
\$0.01 per
share (1)

9,420.8496 I

By Trust
(2)

Common
Stock, par
value
\$0.01 per
share (1)

03/11/2013

M 15,855 A \$ 19.71 69,355 D

Common
Stock, par
value
\$0.01 per
share (1)

9,420.8496 I

By Trust
(2)

Common
Stock, par
value
\$0.01 per
share (1)

03/11/2013

S 15,855 D \$ 76.5516 53,500 D

Common
Stock, par
value
\$0.01 per
share (1)

9,420.8496 I

By Trust
(2)

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

Persons who respond to the collection of information contained in this form are not required to respond unless the form displays a currently valid OMB control number.

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)	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

