

W R GRACE & CO  
Form 4  
February 23, 2005

**FORM 4**

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

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).

**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 \*  
**SIEGEL DAVID B**

(Last) (First) (Middle)

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

(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)  
**02/18/2005**

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

5. Relationship of Reporting Person(s) to Issuer

(Check all applicable)

\_\_\_\_ Director \_\_\_\_\_ 10% Owner  
 Officer (give title below) \_\_\_\_\_ Other (specify below)  
**Sr. VP, Gen. Counsel & CRO**

6. Individual or Joint/Group Filing(Check Applicable Line)  
 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 Ownership (Instr. 4)	
			Code	V	Amount	(A) or (D)	Price	
Common Stock, par value \$0.01 per share (1)	02/18/2005		M		20,000 (2)	A	\$ 6.38 35,100	D
Common Stock, par value \$0.01 per share (1)	02/18/2005		S		20,000 (2)	D	\$ 10.35 15,100	D
Common Stock, par value \$0.01 per share (1)	02/22/2005		M		20,000 (2)	A	\$ 6.38 35,100	D

value \$0.01  
per share  
(1)

Common  
Stock, par  
value \$0.01 02/22/2005  
per share  
(1)

S 20,000<sup>(2)</sup> D \$ 9.97 15,100 D

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.**

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(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 of Shares
Employee Stock Options (rights to buy)	\$ 6.38	02/18/2005		M	20,000 <u>(2)</u>	03/02/1998 03/01/2005	Common Stock 20,000
Employee Stock Options (rights to buy)	\$ 6.38	02/22/2005		M	20,000 <u>(2)</u>	03/02/1998 03/01/2005	Common Stock 20,000

## Reporting Owners

Reporting Owner Name / Address	Relationships		
	Director	10% Owner	Officer
SIEGEL DAVID B C/O W.R. GRACE & CO 7500 GRACE DR			Sr. VP, Gen. Counsel & CRO

COLUMBIA, MD 21044

## Signatures

/s/Mark A.

Shelnitz

02/22/2005

\_\_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 Share 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 adopted December 2004 for options expiring March 1, 2005.

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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