W R GRACE & CO

Form 4

December 19, 2007

FORM 4

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

OMB

Check this box if no longer STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF

3235-0287 Number: January 31, Expires:

0.5

OMB APPROVAL

subject to Section 16. Form 4 or Form 5

obligations

may continue.

See Instruction

2005 Estimated average burden hours per response...

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

SECURITIES

30(h) of the Investment Company Act of 1940

1(b).

(Print or Type Responses)

1. Name and Address of Reporting Person * NORRIS PAUL J	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)	3. Date of Earliest Transaction			
	(Month/Day/Year)	X Director 10% Owner		
C/O W.R. GRACE & CO, 7500 GRACE DR	12/17/2007	Officer (give title Other (specify below)		
(Street)	4. If Amendment, Date Original	6. Individual or Joint/Group Filing(Check		
COLUMBIA MD 21044	Filed(Month/Day/Year)	Applicable Line) _X_ Form filed by One Reporting Person Form filed by More than One Reporting		

Person

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CCL	JUIVIDI	A. MD	'

(City)	(State)	(Zip) Tab	ole I - Non-	Derivative S	Securi	ities Acquire	ed, Disposed of, o	or Beneficially	Owned
1.Title of Security (Instr. 3)	2. Transaction Date (Month/Day/Year)	2A. Deemed Execution Date, if any (Month/Day/Year)	Code (Instr. 8)	onDisposed o (Instr. 3, 4)	f (D) 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)	12/17/2007		Code V M	Amount 400,000 (2)	(D)	Price \$ 16.75	538,822	D	
Common Stock, par value \$0.01 per share (1)	12/17/2007		S	400,000	D	\$ 24.2588 (3)	138,822	D	
Common Stock, par	12/18/2007		M	39,026 (2)	A	\$ 16.75	177,848	D	

value \$0.01 per share (1)							
Common Stock, par value \$0.01 per share (1)	12/18/2007	M	315,000 (2)	A	\$ 13.4688	492,848	D
Common Stock, par value \$0.01 per share (1)	12/18/2007	M	227,774 (2)	A	\$ 12.8125	720,622	D
Common Stock, par value \$0.01 per share (1)	12/18/2007	S	581,800 (2)	D	\$ 23.3933 (3)	138,822	D
Common Stock, par value \$0.01 per share	12/17/2007	M	400,000	A	\$ 10.25	538,822	D
Common Stock, par value \$0.01 per share	12/17/2007	D	400,000	D	\$ 16.75	138,822	D
Common Stock, par value \$0.01 per share	12/18/2007	M	39,026 (2)	A	\$ 10.25	177,848	D
Common Stock, par value \$0.01 per share	12/18/2007	D	39,026 (2)	D	\$ 16.75	138,822	D
Common Stock, par value \$0.01 per share (1)	12/19/2007	M	62,226 (2)	A	\$ 12.8125	201,848	D
Common Stock, par value	12/19/2007	M	121,000 (2)	A	\$ 2.4	322,048	D

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\$0.01 per share $\frac{1}{(1)}$ Common Stock, par S 23.4695 138,822 D value 12/19/2007 (3) \$0.01 per share $\underline{^{(1)}}$

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 required to respond unless the form displays a currently valid OMB control number.

(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)	Code	5. Number of orDerivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5)	6. Date Exercisable and Expiration Date (Month/Day/Year)		Expiration Date Underlying S	
				Code V	(A) (D)	Date Exercisable	Expiration Date	Title	Am Nur Sha
Employee Stock Options (rights to buy)	\$ 16.75	12/17/2007		M	400,000	11/01/2001	05/31/2008	Common Stock	40
Employee Stock Options (rights to buy)	\$ 16.75	12/18/2007		M	39,026 (2)	11/01/2001	05/31/2008	Common Stock	39
Employee Stock Options (rights to buy)	\$ 13.4688	12/18/2007		M	315,000 (2)	05/10/2003	05/31/2008	Common Stock	31.
Employee Stock Options (rights to buy)	\$ 12.8125	12/18/2007		M	227,774 (2)	03/04/2002	05/31/2008	Common Stock	22
	\$ 12.8125	12/19/2007		M		03/04/2002	05/31/2008		62

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Employee Stock Options (rights to buy)				62,226 (<u>2)</u>			Common Stock	
Employee Stock Options (rights to buy)	\$ 2.4	12/19/2007	M	121,000	03/08/2004	05/31/2008	Common Stock	12
Stock Appreciation Right (4)	\$ 10.25	12/17/2007	M	400,000 (2)	11/01/2001	05/31/2008	Common Stock	40
Stock Appreciation Right (4)	\$ 10.25	12/18/2007	M	39,026 (2)	11/01/2001	05/31/2008	Common Stock	39

Reporting Owners

Reporting Owner Name / Address	Relationships					
1 8	Director	10% Owner	Officer	Other		
NORRIS PAUL J						
C/O W.R. GRACE & CO	X					
7500 GRACE DR	Λ					
COLUMBIA, MD 21044						

Signatures

Michael W. Conron, Attorney-in-Fact

**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 May 2007 for options expiring May 31, 2008.
- Price constitutes weighted average price of trades by the Reporting Person in the open market on the date indicated. Sale prices on 12/17/07 ranged from \$23.53 to \$25.35. Sale prices on 12/18/07 ranged from \$23.00 to \$23.91. Sale prices on 12/19/07 ranged from \$23.01 to \$23.69.
- 4) Because the price per share of Grace Common Stock exceeded \$16.75 on the date of exercise of the Stock Appreciation Right, the Stock Appreciation Right constitutes right to a payment equal to the product of the number of shares exercised multiplied by \$6.50.

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.

Reporting Owners 4