

GCP Applied Technologies Inc.

Form 3

January 15, 2016

**FORM 3****UNITED STATES SECURITIES AND EXCHANGE COMMISSION  
Washington, D.C. 20549**

OMB APPROVAL

OMB Number: 3235-0104

Expires: January 31, 2005

Estimated average burden hours per response... 0.5

**INITIAL STATEMENT OF 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 \*

W R GRACE &amp; CO

(Last) (First) (Middle)

7500 GRACE DRIVE

(Street)

COLUMBIA, MD 21044

(City) (State) (Zip)

2. Date of Event Requiring  
Statement

(Month/Day/Year)

01/15/2016

3. Issuer Name and Ticker or Trading Symbol  
GCP Applied Technologies Inc. [GCP]4. Relationship of Reporting  
Person(s) to Issuer

(Check all applicable)

\_\_\_\_ Director \_\_\_\_X\_\_\_\_ 10% Owner  
\_\_\_\_ Officer \_\_\_\_ Other  
(give title below) (specify below)5. If Amendment, Date Original  
Filed(Month/Day/Year)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 Beneficially Owned**1. Title of Security  
(Instr. 4)2. Amount of Securities  
Beneficially Owned  
(Instr. 4)3. Ownership  
Form:  
Direct (D)  
or Indirect  
(I)  
(Instr. 5)4. Nature of Indirect Beneficial  
Ownership  
(Instr. 5)

Common Stock, par value \$0.01 per share

100 <sup>(1)</sup> <sup>(2)</sup>

D W

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

SEC 1473 (7-02)

**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.****Table II - Derivative Securities Beneficially Owned (e.g., puts, calls, warrants, options, convertible securities)**1. Title of Derivative Security  
(Instr. 4)2. Date Exercisable and  
Expiration Date  
(Month/Day/Year)

Date Exercisable Expiration Date

3. Title and Amount of  
Securities Underlying  
Derivative Security  
(Instr. 4)Title Amount or  
Number of4. Conversion  
or Exercise  
Price of  
Derivative  
Security5. Ownership  
Form of  
Derivative  
Security:  
Direct (D)  
or Indirect6. Nature of Indirect  
Beneficial Ownership  
(Instr. 5)

Shares

(I)  
(Instr. 5)

## Reporting Owners

Reporting Owner Name / Address	Relationships			
	Director	10% Owner	Officer	Other
W R GRACE & CO 7500 GRACE DRIVE COLUMBIA, MD 21044	Â	Â X	Â	Â

## Signatures

/s/ Mark A.  
Shelnitz

01/15/2016

\_\_Signature of  
Reporting Person

Date

## Explanation of Responses:

\* If the form is filed by more than one reporting person, *see* Instruction 5(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).

This Form 3 is being filed in connection with the U.S. SEC's declaration of effectiveness of the Registration Statement on Form 10 of

- (1) GCP Applied Technologies Inc. ("GCP"), which describes the planned separation of GCP from W. R. Grace & Co. ("Grace"). The 100 shares of GCP's Common Stock reported hereunder are held of record by a direct wholly owned subsidiary of Grace.

- (2) Pursuant to an amendment to GCP's Certificate of Incorporation to become effective prior to said separation, effective as of the close of business on the date set by resolution of the Board of Directors of Grace as the record date for distribution of shares of GCP's Common Stock to holders of shares of Grace's common stock (such time, the "Effective Time"), the 100 shares of GCP's Common Stock shall, automatically by operation of law and without any further action of the part of GCP, Grace or said subsidiary, be subdivided and converted into a number of shares of validly issued, fully paid and non-assessable shares of GCP's Common Stock equal to the number of shares of common stock, par value \$0.01 per share, of Grace, issued and outstanding as of the Effective Time.

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.