

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

**FORM 8-K**  
**CURRENT REPORT**  
Pursuant to Section 13 OR 15(d) of The Securities Exchange Act of 1934

Date of Report (Date of the earliest event reported)  
**September 16, 2009**

**KRONOS WORLDWIDE, INC.**  
(Exact name of registrant as specified in its charter)

**Delaware**  
(State or other jurisdiction of incorporation)

**1-31763**  
(Commission  
File Number)

**76-0294959**  
(IRS Employer  
Identification No.)

**5430 LBJ Freeway, Suite 1700, Dallas, Texas**  
(Address of principal executive offices)

**75240-2697**  
(Zip Code)

Registrant's telephone number, including area code  
**(972) 233-1700**

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(Former name or former address, if changed since last report.)

Check the appropriate box below if the Form 8-K filing is intended to simultaneously satisfy the filing obligation of the registrant under any of the following provisions (see General Instruction A.2):

- Written communications pursuant to Rule 425 under the Securities Act (17 CFR 230.425)
  - Soliciting material pursuant to Rule 14a-12 under the Exchange Act (17 CFR 240.14a-12)
  - Pre-commencement communications pursuant to Rule 14d-2(b) under the Exchange Act (17 CFR 240.14d-2(b))
  - Pre-commencement communications pursuant to Rule 13e-4(c) under the Exchange Act (17 CFR 240.13e-4(c))
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**Item 7.01 Regulation FD Disclosure.**

The registrant hereby furnishes the information set forth in the press release issued on September 16, 2009, a copy of which is attached hereto as Exhibit 99.1 and incorporated herein by reference.

The information, including the exhibits, the registrant furnishes in this report is not deemed "filed" for purposes of section 18 of the Securities Exchange Act of 1934, as amended, or otherwise subject to the liabilities of that section. Registration statements or other documents filed with the U.S. Securities and Exchange Commission shall not incorporate this information by reference, except as otherwise expressly stated in such filing.

**Item 9.01 Financial Statements and Exhibits.**

(d) Exhibits

<u>Item No.</u>	<u>Exhibit Index</u>
99.1	Press release dated September 16, 2009 issued by the registrant.

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**SIGNATURE**

Pursuant to the requirements of the Securities Exchange Act of 1934, the registrant has duly caused this report to be signed on its behalf by the undersigned hereunto duly authorized.

**KRONOS WORLDWIDE, INC.**

(Registrant)

By: /s/ A. Andrew R. Louis  
*A. Andrew R. Louis, Secretary*

Date: September 16, 2009

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INDEX TO EXHIBITS

**Item No.**

**Exhibit Index**

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99.1

Press release dated September 16, 2009 issued by the registrant.

**Kronos Worldwide, Inc.**  
Three Lincoln Centre  
5430 LBJ Freeway, Suite 1700  
Dallas, Texas 75240-2697

Contact: H. Joseph Maas  
President, Sales and Marketing  
(609) 860-6200

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## **Press Release**

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**FOR IMMEDIATE RELEASE**

### **KRONOS WORLDWIDE, INC. ANNOUNCES A PRICE INCREASE FOR ALL TITANIUM DIOXIDE PRODUCTS SOLD IN NORTH AMERICA**

CRANBURY, NEW JERSEY – September 16, 2009 – Kronos Worldwide, Inc. (NYSE: KRO) today announced a price increase for all titanium dioxide grades sold in North America.

Effective October 1, 2009, as contracts permit, prices for all Kronos titanium dioxide grades sold in North America will be increased by US\$ 0.05 per pound.

This is a new price increase announcement and is in addition to the price increase announcements made on May 5 and July 10, 2009, which are currently being implemented.

Kronos Worldwide, Inc. is a major international producer of titanium dioxide products.

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