

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)  
March 3, 2005  
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Kronos Worldwide, Inc.  
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(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))

Item 7.01 Regulation FD Disclosure.

The registrant hereby furnishes the information set forth in its press  
release issued on March 3, 2005, a copy of which is attached hereto as Exhibit  
99.1 and incorporated herein by reference.

The information, including the exhibit, 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  
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.

(c) Exhibits.

Item No. -----	Exhibit Index -----
99.1	Press Release dated March 3, 2005 issued by the registrant.



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  
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A. Andrew R. Louis  
Assistant Secretary

Date: March 7, 2005

INDEX TO EXHIBITS

Exhibit No. -----	Description -----
99.1	Press Release dated March 3, 2005 issued by the registrant.

KRONOS WORLDWIDE, INC.  
Three Lincoln Centre  
5430 LBJ Freeway, Suite 1700  
Dallas, Texas 75240-2697

Contact: Gregory M. Swalwell  
Vice President, Finance  
and Chief Financial Officer  
(972) 233-1700

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PRESS RELEASE  
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FOR IMMEDIATE RELEASE

KRONOS WORLDWIDE, INC. ANNOUNCES EFFECTIVENESS OF SHELF REGISTRATION STATEMENT

DALLAS, TEXAS - March 3, 2005 - Kronos Worldwide, Inc. (NYSE: KRO) today announced that its shelf registration statement on Form S-3 filed on January 24, 2005, has been declared effective by the U.S. Securities and Exchange Commission. The registration statement permits the offer and sale from time to time of up to \$100,000,000 of common stock, preferred stock and warrants of Kronos Worldwide. The terms of any offering will be established at the time of the offering.

Any offering of securities covered by the registration statement will be made only by means of written prospectuses and prospectus supplements. This press release shall not constitute an offer to sell, nor the solicitation of an offer to buy, nor shall there be any sale of securities in any state in which such offer, solicitation or sale would be unlawful prior to registration or qualification under the securities laws of any such state.

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

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