

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)
August 29, 2005

Kronos Worldwide, Inc.

(Exact name of Registrant as specified in its charter)

Delaware

1-31763

76-0294959

(State or other
jurisdiction of
incorporation)

(Commission
File Number)

(IRS Employer
Identification
No.)

5430 LBJ Freeway, Suite 1700, Dallas, Texas

75240-2697

(Address of principal executive offices)

(Zip Code)

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

(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 August 29, 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 August 29, 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

A. Andrew R. Louis
Assistant Secretary

Date: August 29, 2005

INDEX TO EXHIBITS

Exhibit No. -----	Description -----
99.1	Press Release dated August 29, 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

PRESS RELEASE

[LOGO GOES HERE]

FOR IMMEDIATE RELEASE

KRONOS WORLDWIDE, INC. ANNOUNCES QUARTERLY DIVIDEND

DALLAS, TEXAS - August 29, 2005 - Kronos Worldwide, Inc. (NYSE: KRO) announced that its board of directors has declared a regular quarterly dividend of twenty five cents (\$0.25) per share on its common stock, payable on September 23, 2005 to stockholders of record at the close of business on September 9, 2005.

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

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