

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 31, 2004

Kronos Worldwide, Inc.

(Exact name of Registrant as specified in its charter)

Delaware	1-31763	76-0294959
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(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 31, 2004, 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
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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
Assistant Secretary

Date: August 31, 2004

INDEX TO EXHIBITS

Exhibit No. -----	Description -----
99.1	Press Release dated August 31, 2004 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) 450-4228

PRESS RELEASE

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FOR IMMEDIATE RELEASE

KRONOS WORLDWIDE, INC. ANNOUNCES 2004 THIRD QUARTER DIVIDEND

DALLAS, TEXAS - August 31, 2004 - 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 28, 2004 to stockholders of record at the close of business on September 13, 2004.

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

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