

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)  
October 21, 2004  
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Kronos Worldwide, Inc.  
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(Exact name of Registrant as specified in its charter)

Delaware  
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1-31763  
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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  
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75240-2697  
-----

(Address of principal executive offices)

(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 October 21, 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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99.1 Press Release dated October 21, 2004 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: October 22, 2004

INDEX TO EXHIBITS

| Exhibit No. | Description  |
|-------------|--|
| -----       | -----  |
| 99.1        | Press Release dated October 21, 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) 233-1700

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PRESS RELEASE  
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(LOGO GOES HERE)

FOR IMMEDIATE RELEASE

KRONOS WORLDWIDE, INC. ANNOUNCES 2004 FOURTH QUARTER DIVIDEND

DALLAS, TEXAS - October 21, 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 December 29, 2004 to stockholders of record at the close of business on December 10, 2004.

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