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)
May 8, 2006

Kronos Worldwide, Inc.

(Exact name of Registrant as specified in its charter)

Delaware 1-31763 76-0294959 -----(State or other (Commission (IRS Employer File Number) jurisdiction of Identification incorporation) 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 2.02 Results of Operations and Financial Condition.

Item 7.01 Regulation FD Disclosure.

Pursuant to Items 2.02 and 7.01 of this current report, the registrant hereby furnishes the information set forth in its press release issued on March 16, 2006, 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.

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/ Gregory M. Swalwell

Gregory M. Swalwell Vice President

Date: May 8, 2006

INDEX TO EXHIBITS

Exhibit No. Description

99.1 Press Release dated May 5, 2006 issued by the registrant.

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

Contact: Gregory M. Swalwell
Vice President, Finance

(972) 233-1700

News Release

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FOR IMMEDIATE RELEASE

[GRAPHIC OMITTED]

KRONOS WORLDWIDE REPORTS FIRST QUARTER RESULTS

DALLAS, TEXAS...May 5, 2006...Kronos Worldwide, Inc. (NYSE:KRO) today reported net income for the first quarter of 2006 of \$15.0 million, or \$.31 per diluted share, compared with net income of \$21.4 million, or \$.44 per diluted share, in the first quarter of 2005.

Net sales of \$304.3 million in the first quarter of 2006 were \$12.4 million, or 4%, higher than the first quarter of 2005 due to the net effects of higher average TiO2 selling prices, higher sales volumes, and the unfavorable effect of fluctuations in foreign currency exchange rates, which decreased sales by approximately \$16 million.

The Company's TiO2 segment profit (see description of non-GAAP information below) for the first quarter of 2006 was \$36.2 million compared with \$48.0 million in the first quarter of 2005. First quarter segment profit diminished due primarily to higher production costs, particularly raw material and energy costs, as well as the negative effects of the fluctuation in foreign currency rates which resulted in a net decrease in the Company's segment profit of approximately \$5 million.

The Company's average selling prices in billing currencies (which excludes the effects of fluctuations in the value of the U.S. dollar relative to other currencies) were 2% higher in the first quarter of 2006 as compared to the first quarter of 2005. Expressed in U.S. dollars computed using actual foreign currency exchange rates prevailing during the respective periods, the Company's average selling prices in the first quarter of 2006 were 3% lower than the first quarter of 2005.

The Company's first quarter 2006 TiO2 sales volumes increased 9% from the first quarter of 2005, primarily due to higher sales volumes in the US, and slightly higher sales volumes in Europe and in export markets offsetting the effects of lower sales volumes in Canada. The Company's TiO2 production volumes were 4% higher in the first quarter of 2006 as compared to the first quarter of 2005, with operating rates at near full capacity in both periods. Finished goods inventories at March 31, 2006, representing approximately 2 months of average sales, were slightly higher as compared to December 31, 2005 levels. Both production volume and sales volume in the first quarter of 2006 were new records for Kronos for a first quarter.

Interest expense decreased due to relative changes in foreign currency exchange rates, which decreased the U.S. dollar equivalent of interest expense on the Company's Senior Secured Notes by approximately \$1 million in the first quarter of 2006 as compared to 2005.

The statements in this release relating to matters that are not historical facts are forward-looking statements that represent management's beliefs and assumptions based on currently available information. Although the Company believes that the expectations reflected in such forward-looking statements are reasonable, it cannot give any assurances that these expectations will prove to be correct. Such statements by their nature involve substantial risks and uncertainties that could significantly impact expected results, and actual future results could differ materially from those described in such forward-looking statements. While it is not possible to identify all factors, the Company continues to face many risks and uncertainties. The factors that could cause actual future results to differ materially include, but are not limited to, the following:

- Future supply and demand for the Company's products,
- o The extent of the dependence of certain of the Company's businesses on certain market sectors,
- o The cyclicality of the Company's businesses,
- o Customer inventory levels (such as the extent to which the Company's customers may, from time to time, accelerate purchases of TiO2 in advance of anticipated price increases or defer purchases of TiO2 in advance of anticipated price decreases),
- o Changes in raw material and other operating costs (such as energy costs),
- The possibility of labor disruptions,
- o General global economic and political conditions (such as changes in the

level of gross domestic product in various regions of the world and the impact of such changes on demand for TiO2),

- Competitive products and substitute products,
- o Customer and competitor strategies,
 - The impact of pricing and production decisions,
- o Competitive technology positions,

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- The introduction of trade barriers,
- o Fluctuations in currency exchange rates (such as changes in the exchange rate between the U.S. dollar and each of the euro, the Norwegian kroner and the Canadian dollar),
- o Operating interruptions (including, but not limited to, labor disputes, leaks, natural disasters, fires, explosions, unscheduled or unplanned downtime and transportation interruptions),
- o The timing and amounts of insurance recoveries,
- The ability of the Company to renew or refinance credit facilities,
- The ultimate outcome of income tax audits, tax settlement initiatives or other tax matters,
- The ultimate ability to utilize income tax attributes, the benefit of which has been recognized under the "more-likely-than-not" recognition criteria,
- o Environmental matters (such as those requiring emission and discharge standards for existing and new facilities),
- Government laws and regulations and possible changes therein,
- The ultimate resolution of pending litigation, and o Possible future litigation.

Should one or more of these risks materialize (or the consequences of such a development worsen), or should the underlying assumptions prove incorrect, actual results could differ materially from those forecasted or expected. The Company disclaims any intention or obligation to update or revise any forward-looking statement whether as a result of changes in information, future events or otherwise.

In an effort to provide investors with additional information regarding the Company's results of operations as determined by accounting principles generally accepted in the United States of America ("GAAP"), the Company has disclosed certain non-GAAP information, which the Company believes provides useful information to investors:

- The Company discloses percentage changes in its average TiO2 selling prices in billing currencies, which excludes the effects of foreign currency translation. The Company believes disclosure of such percentage changes allows investors to analyze such changes without the impact of changes in foreign currency exchange rates, thereby facilitating period-to-period comparisons of relative changes in average TiO2 selling prices in the actual various billing currencies. Generally, when the U.S. dollar either strengthens or weakens against other currencies, the percentage change in average TiO2 selling prices in billing currencies will be higher or lower, respectively, than such percentage changes would be using actual exchange rates prevailing during the respective periods.
- The Company discloses segment profit, which is used by the Company's management to assess the performance of the Company's TiO2 operations. The Company believes disclosure of segment profit provides useful information to investors because it allows investors to analyze the performance of the Company's TiO2 operations in the same way that the Company's management assesses performance. The Company defines segment profit as income before income taxes, interest expense and certain general corporate items. Corporate items excluded from the determination of segment profit include corporate expense and interest income not attributable to the Company's TiO2 operations.

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

KRONOS WORLDWIDE, INC.
CONDENSED CONSOLIDATED STATEMENTS OF INCOME
(In millions, except per share and metric ton data)
(Unaudited)

Three months ended March 31,

2005 2006

Net sales Cost of sales	\$	291.9 207.7	\$	304.3 229.5
Gross margin		84.2		74.8
Selling, general and administrative expense Other operating income (expense): Currency transactions, net Other expense		37.2 .9 -		37.8 (.8) (.5)
Corporate expense		(1.4)		(1.3)
Income from operations		46.5		34.4
Other income (expense): Trade interest income Other interest income Interest expense		.1 .3 (11.8)		.5 - (10.7)
Income before income taxes		35.1		24.2
Provision for income taxes		13.7		9.2
Net income	\$ ==:	21.4	\$ ===	15.0 =====
Basic and diluted net income per share	\$.44	\$.31
Basic and diluted weighted-average shares used in the calculation of net income per share		48.9		48.9
TiO2 data - metric tons in thousands: Sales volumes Production volumes		114 122		124 127

KRONOS WORLDWIDE, INC.

RECONCILIATION OF SEGMENT PROFIT TO INCOME FROM OPERATIONS (In millions) (Unaudited)

		Three months ended March 31,			
		2005		2006	
Segment profit	\$	48.0	\$	36.2	
Adjustments: Trade interest income Corporate expense		(.1) (1.4)		(.5) (1.3)	
Income from operations	\$ ===	46.5 =====	\$	34.4	

(Unaudited)

Three months ended
March 31,
2006 vs. 2005

Percentage change in average selling prices:

Using actual foreign currency exchange rates	- 3%
Impact of changes in foreign currency exchange rates	+5%
In billing currencies	+2%
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