TITANIUM METALS CORP Form 8-K December 21, 2006

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)
December 20, 2006

Titanium Metals Corporation

(Exact name of Registrant as specified in its charter)

Delaware 1-14368 13-5630895
(State or other (Commission (IRS Employer jurisdiction of File Number) Identification No.) incorporation)

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):

- o Written communications pursuant to Rule 425 under the Securities Act (17 CFR 230.425)
- o Soliciting material pursuant to Rule 14a-12 under the Exchange Act (17 CFR 240.14a-12)
- o 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 December 20, 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

Item No. Exhibit Index

99.1 Press Release dated December 20, 2006 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.

TITANIUM METALS CORPORATION (Registrant)

By: /s/ A. Andrew R. Louis A. Andrew R. Louis Secretary

Date: December 21, 2006

INDEX TO EXHIBITS

(c) Exhibits

Exhibit No. Description

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