

TITANIUM METALS CORP  
Form 8-K  
May 25, 2007

**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 24, 2007**

**Titanium Metals Corporation**  
(Exact name of registrant as specified in its charter)

**Delaware**  
(State or other jurisdiction of  
incorporation)

**1-14368**  
(Commission  
File Number)

**13-5630895**  
(IRS Employer  
Identification No.)

**5430 LBJ Freeway, Suite 1700, Dallas, Texas**  
(Address of principal executive offices)

**75240-2697**  
(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 May 24, 2007, 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.**

(d) Exhibits

| <b>Item No.</b> | <b>Exhibit Index</b>                                       |
|-----------------|--|
| 99.1            | Press release dated May 24, 2007 issued by the registrant. |

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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.

**Titanium Metals Corporation**  
(Registrant)

Date: May 25, 2007

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

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**INDEX TO EXHIBITS**

**Item No.**

**Exhibit Index**

99.1 Press release dated May 24, 2007 issued by the registrant.