

ALLEGHENY TECHNOLOGIES INC  
Form 8-K  
December 17, 2009  
**UNITED STATES**  
**SECURITIES AND EXCHANGE COMMISSION**  
**Washington, DC 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 earliest event reported) December 17, 2009

Allegheny Technologies Incorporated  
(Exact name of registrant as specified in its charter)

Delaware 1-12001 25-1792394  
(State or other jurisdiction (Commission (IRS Employer  
of incorporation) File Number) Identification No.)  
1000 Six PPG Place, Pittsburgh, Pennsylvania 15222-5479  
(Address of principal executive offices) (Zip Code)

Registrant's telephone number, including area code (412) 394-2800

N/A  
(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:

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 8.01. Other Events.**

On December 17, 2009, Allegheny Technologies Incorporated issued a press release updating its fourth quarter 2009 earnings outlook. A copy of the press release is attached as Exhibit 99.1 to this Form 8-K.

**Item 9.01. Financial Statements and Exhibits.**

(d) *Exhibits.*

Exhibit 99.1 Press release dated December 17, 2009.

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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.

ALLEGHENY TECHNOLOGIES  
INCORPORATED

By: */s/ Jon D. Walton*

Jon D. Walton

Executive Vice President, Human Resources,  
Chief Legal and Compliance Officer

Dated: December 17, 2009

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**EXHIBIT INDEX**

**Exhibit No.      Description**

Exhibit 99.1      Press release dated December 17, 2009.