
SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

FORM 8-K

CURRENT REPORT PURSUANT TO SECTIONS 13 OR 15(d) OF THE SECURITIES EXCHANGE ACT OF 1934

Date of report (Date of earliest event reported) May 2, 2006.

ENTEGRIS, INC.

(Exact name of registrant as Specified in its Charter)

Delaware

(State or Other Jurisdiction of Incorporation or Organization)

000-30789

(Commission File Number)

41-1941551

(I.R.S. Employer Identification No.)

3500 Lyman Boulevard, Chaska, MN

(Address of principal executive offices)

55318

(Zip Code)

(952) 556-3131

(Registrant's telephone number, including area code)

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 13e-4(c) under the Exchange Act (17 CFR 240.13e-4(c))
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Item 2.02. Results of Operations and Financial Condition

On May 2, 2006, the registrant issued a press release to announce preliminary results for the first quarter of 2006, ended April 1, 2006. A copy of this press release is attached hereto as Exhibit 99.1 and is incorporated herein by reference.

In accordance with General Instructions B.2 of Form 8-K, the information in this Item 2.02 shall not be deemed “filed” for purposes of Section 18 of the Securities Exchange Act of 1934, as amended (the “Exchange Act”), or otherwise subject to the liabilities of that section, nor shall such information be deemed incorporated by reference in any filing under the Securities Act of 1933, as amended, except as shall be expressly set forth by specific reference in such a filing. The information set forth herein will not be deemed an admission as to the materiality of any information required to be disclosed solely to satisfy the requirements of Regulation FD.

Item 9.01. Financial Statements and Exhibits.

(d) *Exhibits*

Exhibit 99.1 Press Release, Dated May 2, 2006

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 thereunto duly authorized.

ENTEGRIS, INC.

Dated: May 2, 2006

By /s/ John Villas.

John Villas,

Senior Vice President & Chief Financial Officer

For Release at 7:30 a.m. (EDT)

Entegris Announces Preliminary Results for Fiscal First Quarter

Sales and Profits Expected to Exceed Guidance

CHASKA (MINNEAPOLIS), Minn., May 2, 2006 – Entegris, Inc. (Nasdaq: ENTG), the global leader in materials integrity management, today reported preliminary results for its fiscal first quarter ended April 1, 2006. The Company expects sales from continuing operations to be \$158 million, 7 percent above its sales for the three-month period ended November 26, 2005 and above the high end of the Company's previous first-quarter guidance of \$154 million. The Company also expects its first-quarter profits to exceed the high end of its previous guidance of \$0.05 per diluted share on a GAAP basis and \$0.11 per diluted share on non-GAAP basis. Non-GAAP net operating earnings are adjusted for merger-related and other restructuring charges and expenses.

"Our sales growth in the first quarter was driven by strong order momentum across our product lines," said Gideon Argov, president and chief executive officer of Entegris.

Details of the Company's actual financial results will be issued as previously indicated on Tuesday, May 9, 2006 before the opening of the market. A teleconference to discuss the Company's first-quarter results will be held that same day at 10:00 a.m. Eastern Time. The call will also be webcast live and as a replay on demand on the Entegris website, www.entegris.com. For more information please visit the Entegris website and refer to the press release issued on April 13, 2006.

ABOUT ENTEGRIS

Entegris is the global leader in materials integrity management – purifying, protecting and transporting critical materials used in high technology products, processes and services. Entegris and Mykrolis completed their merger to create the new Entegris in August 2005. The merged Company delivers technology, product and service solutions to the semiconductor and other high-tech industries. Entegris is ISO 9001 certified and has manufacturing, customer service and/or research facilities in the United States, China, France, Germany, Japan, Malaysia, Singapore, South Korea and Taiwan. Additional information can be found at www.entegris.com.