UNITED STATES 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) July 19, 2012

ENTEGRIS, INC.

(Exact name of registrant as Specified in its Charter)

Delaware

(State or Other Jurisdiction of Incorporation or Organization)

001-32598 (Commission File Number)

129 Concord Road, Billerica, MA

(Address of principal executive offices)

41-1941551 (I.R.S. Employer Identification No.)

> 01821 (Zip Code)

(978) 436-6500

(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)

D 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

On July 19, 2012, the registrant issued a press release to announce results for the second quarter of 2012 ended June 30, 2012. 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 July 19, 2012

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.

By /s/ Gregory B. Graves.

Gregory B. Graves, Executive Vice President & Chief Financial Officer

Dated: July 19, 2012

Entegris Reports Second-Quarter Sales of \$188 Million

Sales grow 7 Percent Sequentially; Non-GAAP EPS of \$0.16

BILLERICA, Mass., July 19, 2012 – Entegris, Inc. (Nasdaq: ENTG) today reported its financial results for the Company's second quarter ended June 30, 2012.

The Company recorded second-quarter sales of \$188.2 million, an increase of 7 percent sequentially, and a 10 percent decline from the prior year second quarter. Second-quarter operating margin was 16.8 percent, with adjusted operating margin of 18.1 percent, excluding amortization of intangible assets of \$2.4 million. Net income for the second quarter was \$21.7 million, or \$0.16 per share. Non-GAAP earnings per share of \$0.16 in the second quarter of 2012 compared to \$0.14 in the first quarter of 2012 and \$0.24 in the second quarter of 2011. A reconciliation table of GAAP to non-GAAP earnings per share and operating margin is contained in this press release.

For the first half of fiscal 2012, sales were \$363.6 million, down 12 percent from the first half of 2011. Non-GAAP earnings per diluted share for the first six months of 2012 were \$0.30 per share versus \$0.47 per share for the same period a year ago.

Gideon Argov, president and chief executive officer, said: "We performed well in the second quarter, as demand was strong for our advanced contamination control products used to support the ramp of the semiconductor industry's leading edge technologies. Financially, we grew our adjusted operating margin to 18.1 percent and generated \$43 million of cash from operations.

While the near-term is somewhat unclear, we believe the long-term trends are favorable. Our previously announced investments to extend our leadership in contamination control and critical substrate handling position us to support next-generation semiconductor manufacturing technologies such as extreme ultraviolet (EUV) and 450 millimeter (mn) wafers. We are very encouraged by recent industry announcements aimed at accelerating the development of these technologies."

For the fiscal third quarter ending September 30, 2012, the Company expects sales to be flat to down 5 percent sequentially, and EPS to range between \$0.13 and \$0.15. On a non-GAAP basis, EPS is expected to range from \$0.14 to \$0.16, which reflects net income adjusted for amortization expense.

Second-Quarter Results Conference Call Details

Entegris will hold a conference call to discuss its results for the second quarter on Thursday, July 19, 2012, at 10:00 a.m. Eastern Time. Participants should dial 1-913-312-1500 or toll-free 1-888-609-5689, referencing confirmation code 2247309. Participants are asked to dial in 5 to 10 minutes prior to the start of the call. A replay of the call will be available starting July 19 at 2:00 p.m. (ET) until September 1, 2012. The replay can be accessed by using passcode 2247309 after dialing 1-719-457-0820 or 1-888-203-1112. A live and on-demand webcast of the call can also be accessed from the investor relations section of Entegris' website at www.entegris.com.

ABOUT ENTEGRIS

Entegris is a leading provider of a wide range of products for purifying, protecting and transporting critical materials used in processing and manufacturing in 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, Israel, Japan, Malaysia, Singapore, South Korea and Taiwan. Additional information can be found at <u>www.entegris.com</u>.

NON-GAAP INFORMATION

The Company's consolidated financial statements are prepared in conformity with accounting principles generally accepted in the United States (GAAP). Adjusted EBITDA and Adjusted Operating Income, together with related measures thereof, and non-GAAP EPS are considered "Non-GAAP financial measures" under the rules and regulations of the SEC. These financial measures are provided as a complement to financial measures provided in accordance with GAAP. We provide non-GAAP financial measures in order to better assess and reflect operating performance. Management believes the non-GAAP measures help indicate our baseline performance before certain gains, losses or other charges and credits that may not be indicative of our business or future outlook. We believe these non-GAAP measures will aid investors' overall understanding of our results by providing a higher degree of transparency for certain expenses and providing a level of disclosure that will help investors understand how we plan and measure our business. The presentation of non-GAAP measures is not meant to be considered in isolation, as a substitute for, or superior to, financial measures or information provided in accordance with GAAP. The calculations of Adjusted EBITDA, Adjusted Operating Income, together with related measures thereof, and non-GAAP EPS are included elsewhere in this release.

Forward-Looking Statements

Certain information contained in this press release may constitute forward-looking statements within the meaning of the Private Securities Litigation Reform Act of 1995. These forward-looking statements are based on current management expectations only as of the date of this press release, and involve substantial risks and uncertainties that could cause actual results to differ materially from the results expressed in, or implied by, these forward-looking statements. Statements that include such words as "anticipate," "believe," "estimate," "expect," "forecast," "may," "will," "should" or the negative thereof and similar expressions as they relate to Entegris or our management are intended to identify such forward-looking statements. These statements are not guarantees of future performance and involve risks, uncertainties and assumptions that are difficult to predict. These risks include, but are not limited to, fluctuations in the market price of Entegris' stock, Entegris' future operating results, other acquisition and investment opportunities available to Entegris, general business and market conditions and other factors. Additional information concerning these and other risk factors may be found in previous financial press releases issued by Entegris and Entegris' periodic public filings with the Securities and Exchange Commission, including discussions appearing under the headings "Risks Relating to our Business and Industry," "Manufacturing Risks," "International Risks," and "Risks Related to Owning Our Securities" in Item 1A of our Annual Report on Form 10–K for the fiscal year ended December 31, 2011, as well as other matters and important factors disclosed previously and from time to time in the filings of Entegris with the U.S. Securities and Exchange Commission. Except as required under the federal securities laws and the rules and regulations of the Securities and Exchange Commission, we undertake no obligation to update publicly any forward-looking statements contained herein.

Entegris, Inc. and Subsidiaries Condensed Consolidated Statements of Operations (In thousands, except per share data) (Unaudited)

		Three Months Ended				
	Ju	ne 30, 2012	July 2	<u>, 2011</u>	Mar	ch 31, 2012
Net sales	\$	188,233	\$ 209	9,198	\$	175,403
Cost of sales		105,487	114	4,055		99,159
Gross profit		82,746	95	5,143		76,244
Selling, general and administrative expenses		35,989	39	9,126		35,048
Engineering, research and development expenses		12,726	12	2,462		11,989
Amortization of intangible assets		2,420		2,569		2,450
Operating income		31,611	40),986		26,757
Interest expense (income), net		30		535		(2)
Other income, net		(671)	(1	1,530)		(162)
Income before income taxes and equity in affiliates		32,252	4	1,981		26,921
Income tax expense		10,579	9	9,695		9,065
Equity in net income of affiliates				(236)		(3)
Net income	\$	21,673	\$ 32	2,522	\$	17,859
	¢.	0.10	¢	0.24	¢	0.10
Basic net income per common share	\$	0.16	\$	0.24	\$	0.13
Diluted net income per common share	\$	0.16	\$	0.24	\$	0.13
Weighted average shares outstanding:						
Basic		137,303	134	4,535		136,603
Diluted		138,196	13	5,113		138,046

Entegris, Inc. and Subsidiaries Condensed Consolidated Statements of Operations (In thousands, except per share data) (Unaudited)

		ths ended
	June 30, 2012	July 2, 2011
Net sales	\$ 363,636	\$412,323
Cost of sales	204,646	228,835
Gross profit	158,990	183,488
Selling, general and administrative expenses	71,037	74,916
Engineering, research and development expenses	24,715	24,994
Amortization of intangible assets	4,870	5,258
Operating income	58,368	78,320
Interest expense, net	28	688
Other income, net	(833)	(1,958)
Income before income taxes	59,173	79,590
Income tax expense	19,644	17,968
Equity in net income of affiliates	(3)	(475)
Net income	39,532	62,097
Net income attributable to noncontrolling interest	—	400
Net income attributable to Entegris, Inc.	\$ 39,532	\$ 61,697
Amounts attributable to Entegris, Inc.:		
Basic net income per common share	\$ 0.29	\$ 0.46
Diluted net income per common share	\$ 0.29	\$ 0.45
Weighted average shares outstanding:		
Basic	136,953	134,117
Diluted	138,121	135,778

Entegris, Inc. and Subsidiaries Condensed Consolidated Balance Sheets (In thousands) (Unaudited)

	June 30, 2012	Dece	mber 31, 2011
ASSETS			
Cash and cash equivalents	\$ 286,865		273,593
Accounts receivable, net	115,519		107,223
Inventories	102,905		93,937
Deferred tax assets, deferred tax charges and refundable income taxes	16,389		15,805
Other current assets and assets held for sale	13,298		12,441
Total current assets	534,976		502,999
Property, plant and equipment, net	147,437		130,554
Intangible assets	53,483		56,453
Deferred tax assets – non-current	24,964		25,119
Other assets	7,867		9,538
Total assets	\$ 768,727	\$	724,663
LIABILITIES AND EQUITY			
Accounts payable	\$ 35,204	\$	30,609
Accrued liabilities	42,902		47,841
Income tax payable and deferred tax liabilities	16,312		14,144
Total current liabilities	94,418		92,594
Other liabilities	22,353		23,831
Shareholders' equity	651,956		608,238
Total liabilities and shareholders' equity	\$ 768,727	\$	724,663

Entegris, Inc. and Subsidiaries Condensed Consolidated Statements of Cash Flows (In thousands) (Unaudited)

	Three Mont	hs Ended	Six Months Ended		
-	June 30, 2012	<u>July 2, 2011</u>	<u>June 30, 2012</u>	<u>July 2, 2011</u>	
Operating activities:					
Net income	\$ 21,673	\$ 32,522	\$ 39,532	\$ 62,097	
Adjustments to reconcile net income to net cash provided by operating activities:					
Depreciation	7,026	6,710	13,513	13,529	
Amortization	2,420	2,569	4,870	5,258	
Stock-based compensation expense	2,171	2,040	3,934	3,962	
Other	(785)	(603)	1,376	(300)	
Changes in operating assets and liabilities:					
Trade accounts and notes receivable	2,476	3	(10,335)	(10,127)	
Inventories	(3,491)	(3,113)	(10,997)	(2,389)	
Accounts payable and accrued liabilities	1,023	8,011	744	(7,574)	
Income taxes payable and refundable income taxes	7,357	5,576	2,679	2,017	
Other	3,262	(1,670)	(1,810)	(3,301)	
Net cash provided by operating activities	43,132	52,045	43,506	63,172	
Investing activities:					
Acquisition of property and equipment	(19,512)	(7,839)	(30,117)	(14,583)	
Other	(2,781)	(189)	(2,778)	(699)	
Net cash used in investing activities	(22,293)	(8,028)	(32,895)	(15,282)	
Financing activities:					
Issuance of common stock	858	2,406	4,194	5,333	
Other	110	(1,271)	400	(1,157)	
Net cash provided by financing activities	968	1,135	4,594	4,176	
Effect of exchange rate changes on cash	(1,873)	1,715	(1,933)	3,425	
Increase in cash and cash equivalents	19,934	46,867	13,272	55,491	
Cash and cash equivalents at beginning of period	266,931	142,578	273,593	133,954	
Cash and cash equivalents at end of period	\$ 286,865	\$ 189,445	\$ 286,865	\$189,445	

Entegris, Inc. and Subsidiaries Segment Information (In thousands) (Unaudited)

		Three Months E	Six Months Ended		
Net sales	June 30 2012	, July 2, 2011	March 31, 2012	June 30, 2012	July 2, 2011
Contamination Control Solutions	\$123,14	\$136,637	\$ 115,552	\$238,696	\$268,881
Microenvironments	44,50	55 51,114	40,705	85,270	99,296
Specialty Materials	20,52	24 21,447	7 19,146	39,670	44,146
Total net sales	\$188,233 \$209,19		\$175,403	\$363,636	\$412,323
	Three Months Ended			Six Months Ended	
Segment profit	June 30, 2012	July 2, 2011	March 31, 2012	June 30, 2012	July 2, 2011
Contamination Control Solutions	\$ 34,683	\$ 44,948	\$ 32,069	\$ 66,752	\$ 84,708
Microenvironments	8,523	8,589	5,528	14,051	16,968
Specialty Materials	4,404	4,264	4,668	9,072	9,240
Total segment profit	47,610	57,801	42,265	89,875	110,916
Amortization of intangibles	(2,420)	(2,569)	(2,450)	(4,870)	(5,258)
Unallocated expenses	(13,579)	(14,246)	(13,058)	(26,637)	(27,338)
Total operating income	\$ 31,611	\$ 40,986	\$ 26,757	\$ 58,368	\$ 78,320

Entegris, Inc. and Subsidiaries Reconciliation of GAAP to Adjusted Operating Income and Adjusted EBITDA (In thousands) (Unaudited)

	Three Months Ended			Six Months Ended		
	June 30, 2012	July 2, 2011	March 31, 2012	June 30, 2012	July 2, 2011	
Net sales	\$188,233	\$209,198	\$175,403	\$363,636	\$412,323	
Net income attributable to Entegris, Inc.:	\$ 21,673	\$ 32,522	\$ 17,859	\$ 39,532	\$ 61,697	
Adjustments to net income attributable to Entegris, Inc.						
Net income attributable to noncontrolling interest	—	—			400	
Equity in net income of affiliates	—	(236)	(3)	(3)	(475)	
Income tax expense	10,579	9,695	9,065	19,644	17,968	
Other income, net	(671)	(1,530)	(162)	(833)	(1,958)	
Interest expense (income), net	30	535	(2)	28	688	
GAAP – Operating income	31,611	40,986	26,757	58,368	78,320	
Amortization of intangible assets	2,420	2,569	2,450	4,870	5,258	
Adjusted operating income	34,031	43,555	29,207	63,238	83,578	
Depreciation	7,026	6,710	6,487	13,513	13,529	
Adjusted EBITDA	\$ 41,057	\$ 50,265	\$ 35,694	\$ 76,751	\$ 97,107	
Adjusted operating margin	18.1%	20.8%	16.7%	17.4%	20.3%	
Adjusted EBITDA – as a % of net sales	21.8%	24.0%	20.3%	21.1%	23.6%	

Entegris, Inc. and Subsidiaries Reconciliation of GAAP to Non-GAAP Earnings per Share (In thousands) (Unaudited)

	Three Months Ended			Six Months Ended		
	June 30, 2012	July 2, 2011	March 31, 2012	June 30, 2012	July 2, 2011	
GAAP net income attributable to Entegris, Inc.	\$21,673	\$32,522	\$17,859	\$39,532	\$61,697	
Adjustments to net income attributable to Entegris, Inc.:						
Amortization of intangible assets	2,420	2,569	2,450	4,870	5,258	
Accelerated write-off of debt issuance costs		282		—	282	
Gain associated with equity investments	(1,522)	(1,523)		(1,522)	(1,523)	
Tax effect of adjustments to net income attributable to Entegris, Inc.	(616)	(1,045)	(885)	(1,501)	(2,035)	
Non-GAAP net income attributable to Entegris, Inc.	\$21,955	\$32,805	\$19,424	\$41,379	\$63,679	
Diluted earnings per common share attributable to Entegris, Inc.	\$ 0.16	\$ 0.24	\$ 0.13	\$ 0.29	\$ 0.45	
Effect of adjustments to net income attributable to Entegris, Inc.	\$ 0.00	\$ 0.00	\$ 0.01	\$ 0.01	\$ 0.01	
Diluted non-GAAP earnings per common share attributable to Entegris, Inc.	\$ 0.16	\$ 0.24	\$ 0.14	\$ 0.30	\$ 0.47	

END