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**UNITED STATES  
SECURITIES AND EXCHANGE COMMISSION**  
Washington, D.C. 20549

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**FORM 8-K**

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

**Date of report (Date of earliest event reported) November 1, 2017**

**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)

**41-1941551**

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

**129 Concord Road, Billerica, MA**

(Address of principal executive offices)

**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)
  - ☐ 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))
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**Item 8.01. Other Events.**

On November 1, 2017, Entegris, Inc. issued a press release announcing that it intends to (i) offer \$450 million aggregate principal amount of senior unsecured notes due 2026 in a private offering and (ii) issue a conditional notice of redemption to redeem all of its 6.000% Senior Unsecured Notes due 2022 that are currently outstanding.

A copy of the press release is attached hereto as Exhibit 99.1 and is incorporated herein by reference.

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

(d) *Exhibits*

<b>Exhibit No.</b>	<b>Description</b>
99.1	Press Release, dated November 1, 2017

**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: November 1, 2017

By: /s/ Gregory B. Graves

Name: Gregory B. Graves

Title: Executive Vice President and Chief Financial Officer

## EXHIBIT INDEX

**Exhibit  
No.**

**Description**

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99.1	<a href="#">Press Release, dated November 1, 2017</a>
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Exhibit 99.1

## ENTEGRIS ANNOUNCES PROPOSED \$450 MILLION SENIOR UNSECURED NOTES OFFERING

*Expected proceeds to be used for the conditional redemption of all outstanding 6.000% senior unsecured notes due 2022*

**BILLERICA, Mass., November 1, 2017 - Entegris, Inc.** (NasdaqGS: ENTG) (the “Company”), a leader in specialty chemicals and advanced materials solutions for the microelectronics industry, today announced that it intends to offer \$450 million aggregate principal amount of senior unsecured notes due 2026 (the “2026 Notes”) in a private offering. The 2026 Notes will be guaranteed by certain subsidiaries of the Company. The offering and terms of the 2026 Notes are subject to market conditions.

The Company intends to use the net proceeds of the offering (i) to redeem all of the Company’s 6.000% Senior Unsecured Notes due 2022 (the “2022 Notes”), of which an aggregate principal amount of \$360 million is currently outstanding, at a redemption price equal to 104.500% of the principal amount of the 2022 Notes, plus accrued and unpaid interest to, but excluding, the date of redemption, (ii) to pay fees and expenses related to the redemption and (iii) for general corporate purposes. The Company intends to issue a conditional notice of redemption to redeem the 2022 Notes, which will state that the redemption of the 2022 Notes is conditioned on the completion of the offering of the 2026 Notes.

The 2026 Notes will be offered by the initial purchasers to “qualified institutional buyers” in reliance on Rule 144A under the Securities Act of 1933, as amended (the “Securities Act”), and outside the United States to non-U.S. persons in reliance on Regulation S under the Securities Act. The 2026 Notes have not been, and will not be, registered under the Securities Act or any state securities laws, and may not be offered or sold in the United States except pursuant to an exemption from, or in a transaction not subject to, the registration requirements of the Securities Act and applicable state securities laws. This press release shall not constitute an offer to sell or the solicitation of an offer to buy, nor shall there be any sale of the 2026 Notes in any state or jurisdiction in which such offer, solicitation or sale would be unlawful.

### ABOUT ENTEGRIS

Entegris is a leader in specialty chemicals and advanced materials solutions for the microelectronics industry 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.

### Forward-Looking Statements

This press release contains forward-looking statements within the meaning of the Private Securities Litigation Reform Act of 1995. The words “believe,” “expect,” “anticipate,” “intends,” “estimate,” “forecast,” “project,” “should,” “may,” “will,” “would” or the negative thereof and similar expressions are intended to identify such forward-looking statements. These forward-looking statements include statements related to the Company’s intentions regarding the timing and completion of the offering; the intended use of proceeds; the completion of the redemption of the 2022 Notes; and other matters. These statements involve risks and uncertainties, and actual results may differ. These risks and uncertainties include, but are not limited to, our ability to consummate the offering or the redemption of the 2022 Notes; market conditions relating to the issuance of debt securities; and other risk factors and additional information described in our filings with the Securities and Exchange Commission, including under the heading “Risks Factors” in Item 1A of our Annual Report on Form 10-K for the fiscal year ended December 31, 2016, filed on February 17, 2017, and in our other periodic filings. The Company assumes no obligation to update any forward-looking statements or information, which speak as of their respective dates.