

**SECURITIES AND EXCHANGE COMMISSION**

Washington, D.C. 20549

**FORM S-3**  
**REGISTRATION STATEMENT**  
**Under The Securities Act of 1933****ENTEGRIS, INC.**

(Exact name of registrant as specified in its charter)

**Minnesota**  
(State or other jurisdiction of incorporation or organization)**41-1941551**  
(I.R.S. Employer Identification No.)**James E. Dauwalter**  
**Chief Executive Officer and President**  
**Entegris, Inc.**  
**3500 Lyman Boulevard**  
**Chaska, Minnesota 55318**  
**(952) 556-3131****Copies to:**  
**John T. Kramer, Esq.**  
**Dorsey & Whitney LLP**  
**50 South Sixth Street, Suite 1500**  
**Minneapolis, Minnesota 55402**  
(Name, address, including zip code, and telephone number, including area code, of agent for service)**Approximate date of commencement of proposed sale to the public:** As soon as practicable after the Registration Statement becomes effective.If the only securities being registered on this Form are being offered pursuant to dividend or interest reinvestment plans, please check the following box. ☐If any of the securities being registered on this Form are to be offered on a delayed or continuous basis pursuant to Rule 415 under the Securities Act of 1933, other than securities offered only in connection with dividend or interest reinvestment plans, check the following box. ☒If this Form is filed to register additional securities for an offering pursuant to Rule 462(b) under the Securities Act, please check the following box and list the Securities Act registration statement number of the earlier effective registration statement for the same offering. ☐If this Form is a post-effective amendment filed pursuant to Rule 462(c) under the Securities Act, check the following box and list the Securities Act registration statement number of the earlier effective registration statement for the same offering. ☐If delivery of the prospectus is expected to be made pursuant to Rule 434, please check the following box. ☐**CALCULATION OF REGISTRATION FEE**

| Title of Each Class of Securities to be Registered   | Amount to be Registered | Proposed Maximum Offering Price per Share(1) | Proposed Maximum Aggregate Offering Price(1) | Amount of Registration Fee |
|--|-------------------------|--|--|----------------------------|
| Primary Offering: Common Stock, \$.01 par value      | 15,500,000 Shares       | \$13.185                                     | \$204,367,500                                | \$16,533.33                |
| Secondary Offering(2): Common Stock, \$.01 par value | 9,500,000 Shares        | \$13.185                                     | \$125,257,500                                | \$10,133.33                |
| Total  | 25,000,000 Shares       | \$13.185                                     | \$329,625,000                                | \$ 26,667                  |

(1) Estimated solely for the purpose of calculating the amount of the registration fee in accordance with Rule 457 under the Securities Act of 1933, as amended, based upon the average of the high and low sales prices of the common stock reported on the Nasdaq National Market on June 3, 2003.

(2) Up to 9,500,000 shares of common stock, par value \$.01 per share, may be sold by selling shareholders from time to time pursuant to this registration statement.

**The Registrant hereby amends this Registration Statement on such date or dates as may be necessary to delay its effective date until the Registrant shall file a further amendment which specifically states that this Registration Statement shall thereafter become effective in accordance with Section 8(a) of the Securities Act of 1933 or until the Registration Statement shall become effective on such date as the Commission, acting pursuant to said Section 8(a), may determine.**

The information in this prospectus is not complete and may be changed. Neither we nor the selling shareholders may sell these securities until the registration statement filed with the Securities and Exchange Commission is effective. This prospectus is not an offer to sell these securities and it is not soliciting an offer to buy these securities in any jurisdiction where the offer or sale is not permitted.

## PRELIMINARY PROSPECTUS

**The date of this prospectus is \_\_\_\_\_, 2003.**

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**ENTEGRIS, INC.**

We are a leading provider of materials integrity management solutions to the microelectronics industry, in particular, the semiconductor manufacturing and disk manufacturing markets. Our materials integrity management solutions for the semiconductor industry assure the integrity of materials as they are handled, stored, processed and transported throughout the semiconductor manufacturing process, from raw silicon wafer manufacturing to packaging of completed integrated circuits. These solutions enable our customers to protect their investment in work-in-process and finished devices by facilitating the safe handling, purity and precision processing of the critical materials used in their manufacturing processes.

With over 10,000 standard and customized products, we believe we provide the most comprehensive portfolio of materials integrity management products to the microelectronics industry. Our wafer shippers, wafer transport and process carriers, SMIF pods and work-in-process boxes preserve the integrity of wafers as they are transported from wafer manufacturers to semiconductor manufacturers, processed into finished wafers and integrated circuits and subsequently tested, assembled and packaged. We also provide chemical delivery products, such as valves, fittings, tubing, pipe and containers, that assure the consistent and safe delivery and storage of sophisticated chemicals between chemical manufacturers and semiconductor manufacturers' point-of-use. To complement our product offerings, we offer customized services, such as sub-micron and product cleaning, maintenance and optimization services, product re-use solutions, certification, and repair and maintenance capability for our products and cleaning equipment.

We sell our products worldwide to over 1,000 customers, who represent a broad base of leading suppliers to the microelectronics industry. Our customers in the semiconductor industry include wafer manufacturers, chemical suppliers, equipment manufacturers, device manufacturers and assemblers. Our semiconductor customers include Amkor/Anam, Applied Materials, Ashland Chemical, IBM, Infineon, Intel, Texas Instruments and TSMC. Our customers in data storage manufacturing include IBM, Komag and Seagate Technology.

## PROSPECTUS SUMMARY

This prospectus is part of a registration statement that we filed with the SEC using a “shelf” registration process. Under this shelf process, we and the selling shareholders described under the heading “Selling Shareholders” in this prospectus and the applicable prospectus supplement may sell shares of our common stock. Each time we or the selling shareholders sell shares of our common stock using this prospectus, we will provide a prospectus supplement that will contain specific information about the terms of that offering. The prospectus supplement may also add, update or change information contained in this prospectus. You should read this prospectus and the applicable prospectus supplement together with the additional information described under the heading “Where You Can Find More Information.”

You should rely only on the information contained or incorporated by reference in this prospectus. We have not authorized any other person to provide you with different information. If anyone provides you with different or inconsistent information, you should not rely on it. We are not making an offer to sell these securities in any jurisdiction where the offer or sale is not permitted. You should assume that the information appearing in this prospectus is accurate only as of the date on the front cover of this prospectus, even if this prospectus is delivered to you after that date or you buy shares of our common stock after that date. Our business, financial condition, results of operations and prospects may have changed since that date. Information contained on our website does not constitute part of this prospectus. In this prospectus, references to “Entegris,” “we,” “us” and “our” refer to Entegris, Inc., together with our consolidated subsidiaries.

The registration statement that contains this prospectus (including the exhibits filed with and incorporated by reference to the registration statement) contains additional information about us and the shares of our common stock offered under this prospectus. That registration statement can be read at the SEC web site or at the SEC offices mentioned under the heading “Where You Can Find More Information.”

**CAUTIONARY INFORMATION REGARDING FORWARD-LOOKING STATEMENTS**

Certain statements contained in this prospectus constitute forward-looking statements within the meaning of Section 21E of the Securities Exchange Act of 1934, as amended, and are subject to the safe harbor created by that statute. In some cases, you can identify forward looking statements by terminology such as “expects,” “anticipates,” “intends,” “may,” “should,” “plans,” “believes,” “seeks,” “estimates,” “could,” “would” or the negative of such terms or other comparable terminology. Such forward-looking statements are based upon current expectations and beliefs and involve numerous risks and uncertainties, both known and unknown, that could cause actual events or results to differ materially from these forward-looking statements. Although we believe that the expectations reflected in the forward-looking statements are reasonable as of the date of this prospectus, we cannot guarantee future results, levels of activity, performance or achievements. We undertake no duty to update any of the forward-looking statements after the date of this prospectus.

## USE OF PROCEEDS

Except as otherwise provided in the applicable prospectus supplement, we will use the net proceeds from the sale by us of common stock hereunder for general corporate purposes or to finance acquisitions related to our business. We will not receive any of the proceeds from the sale of shares of our common stock hereunder by the selling shareholders.

## SELLING SHAREHOLDERS

WCB Holdings LLC and the Entegris, Inc. Employee Stock Ownership Plan may from time to time offer and sell up to 4,500,000 and 3,000,000 shares of common stock, respectively, pursuant to this prospectus and the applicable prospectus supplement. Other selling shareholders to be named in an applicable prospectus supplement may from time to time offer and sell up to 2,000,000 shares of common stock pursuant to this prospectus and the applicable prospectus supplement. The following table sets forth certain information regarding the beneficial ownership of common stock as of June 3, 2003 by WCB Holdings LLC and the Entegris, Inc. Employee Stock Ownership Plan as well as the number of shares they may sell pursuant to this prospectus and the applicable prospectus supplement. Information regarding the other selling shareholders, if any, will be included in the applicable prospectus supplement. The percentage of outstanding shares beneficially owned before the offering is based on 71,909,128 shares of common stock outstanding as of June 3, 2003. The number and percentage of shares beneficially owned after the offering assumes the sale of 15,500,000 newly issued shares to be sold by us and 9,500,000 shares to be sold by the selling shareholders. Our registration of the 9,500,000 shares of common stock held by selling shareholders does not necessarily mean that selling shareholders will sell all or any of such shares of common stock because there currently are no agreements, arrangements or understandings with respect to the sale or distribution of any of our common stock by the selling shareholders.

| Name  | Shares Beneficially Owned Prior to the Offering(1)(2) |         | Shares to be Sold Pursuant to this Prospectus | Shares Beneficially Owned After the Offering |         |
|---|---|---------|---|--|---------|
|   | Number  | Percent |   | Number                                       | Percent |
| WCB Holdings LLC(3)                             | 15,365,608  | 21.4%   | 4,500,000                                     | 10,865,608                                   | 12.4%   |
| Entegris, Inc. Employee Stock Ownership Plan(4) | 8,831,707   | 12.3%   | 3,000,000                                     | 5,831,707                                    | 6.7%    |

- (1) This registration statement also shall cover any additional shares of common stock which become issuable in connection with the shares registered for sale hereby by reason of any stock dividend, stock split, recapitalization or other similar transaction effected without the receipt of consideration which results in an increase in the number of our outstanding shares of common stock.
- (2) Information about the beneficial ownership of our shares prior to this offering has been given to us by the selling shareholders. The inclusion of any shares of common stock in this table does not constitute an admission of beneficial ownership for the named selling shareholder.
- (3) The estate of Wayne C. Bongard holds approximately 48% of the voting interests of WCB Holdings LLC and the remainder of the voting interests are held by various trusts for children and grandchildren of Wayne C. Bongard. James A. Bernards, one of our directors, controls the estate of Wayne C. Bongard as personal representative. James A. Bernards serves as a trustee for one or more of the trusts. Mr. Bernards disclaims beneficial ownership of the Entegris shares held by WCB Holdings LLC.
- (4) With respect to any matter that requires a shareholder vote, each ESOP participant has the right to direct the trustee of the ESOP as to how to vote all shares held in the participant's ESOP account. No individual ESOP account holds more than 5% of our outstanding shares.

## DESCRIPTION OF COMMON STOCK

A description of our common stock is included in our Amendment No. 6 to Form S-1 filed July 10, 2000, including any amendment or report filed for the purpose of updating such description, which is incorporated by reference. You may request a copy of this registration statement in the manner described under the heading “Where You Can Find More Information.”

## PLAN OF DISTRIBUTION

We or the selling shareholders may sell or distribute some or all of our respective shares of common stock from time to time in one or more transactions:

- directly to purchasers in transactions (which may involve crosses and block transactions) on the Nasdaq National Market, in privately negotiated transactions or in the over-the-counter market;
- through dealers, brokers or other agents;
- through underwriters; or
- through a combination of any of the above.

Such transactions may be effected:

- at a fixed price or prices, which may be changed;
- at market prices prevailing at the time of sale;
- at prices related to such prevailing market prices; or
- at negotiated prices.

Brokers, dealers or other agents participating in such transactions as agents may receive compensation in the form of discounts, concessions or commissions from us or the selling shareholders (and, if they act as agent for the purchaser of the shares, from the purchaser). Such discounts, concessions or commissions as to a particular broker, dealer or other agent might be in excess of those customary in the type of transaction involved.

The selling shareholders and any such brokers, dealers or other agents that participate in such distribution may be deemed to be “underwriters” within the meaning of the Securities Act of 1933, as amended, and any discounts, commissions or concessions received by any such brokers, dealers or other agents might be deemed to be underwriting discounts and commissions under the Securities Act.

We will provide a supplement to this prospectus to disclose the specific shares to be sold, the public offering price of the shares to be sold, the names of any underwriters, brokers, dealers or other agents employed by us or the selling shareholders in connection with such sale, and any underwriting commissions or discounts paid by us or the selling shareholders.

Any person engaged in a distribution of the shares of common stock offered by this prospectus, including the selling shareholders, may not simultaneously engage in market activities with respect to our common stock for the applicable period under Regulation M under the Securities Exchange Act of 1934, as amended. Regulation M and other provisions under the Exchange Act may limit the timing of purchases and sales of any of the shares by the selling shareholders. These provisions may affect the marketability of the shares offered by this prospectus.



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Any underwriter may engage in over-allotment, stabilizing and syndicate short covering transactions and penalty bids in accordance with Regulation M. Over-allotment involves sales in excess of the offering size, which creates a short position. Stabilizing transactions involve bids to purchase the underlying security so long as the stabilizing bids do not exceed a specified maximum. Syndicate short covering transactions involve purchases of securities in the open market after the distribution has been completed in order to cover syndicate short positions. Penalty bids permit the underwriters to reclaim selling concessions from dealers when the securities originally sold by such dealers are purchased in covering transactions to cover syndicate short positions. These transactions may cause the price of the offered common stock to be higher than it would otherwise be. These transactions, if commenced, may be discontinued by the underwriters at any time.

Underwriters, dealers and agents may be entitled, under agreements entered into with us or the selling shareholders, to indemnification against and contribution toward certain civil liabilities, including liabilities under the Securities Act of 1933, as amended, and to reimbursement by us or the selling shareholders for expenses.

Certain of any such underwriters, dealers or agents and their associates may engage in transactions with and perform services for us in the ordinary course of business.

In connection with the offer and sale of the shares of common stock by us and the selling shareholders, various state securities laws and regulations require that any such offer and sale should be made only through the use of a broker-dealer registered as such in any state where we or the selling shareholders engage such broker-dealer and in any state where such broker dealer intends to offer and sell shares.

The selling shareholders also may resell all or a portion of the shares of our common stock in open market transactions in reliance upon Rule 144 under the Securities Act of 1933, as amended, provided they meet the criteria and conform to the requirements of such rule.

Any common stock sold pursuant to this prospectus will be listed on the Nasdaq National Market, subject to official notice of issuance in the case of common stock sold by us.

### **LEGAL MATTERS**

The validity of the shares offered by this prospectus has been passed upon for us by Dorsey & Whitney LLP, Minneapolis, Minnesota.

### **EXPERTS**

The consolidated financial statements and schedule of Entegris, Inc. and subsidiaries as of August 31, 2002 and August 25, 2001, and for each of the years in the three-year period ended August 31, 2002, have been incorporated by reference herein in reliance upon the reports of KPMG LLP, independent accountants, incorporated by reference herein, and upon the authority of said firm as experts in accounting and auditing. The audit report covering the August 31, 2002 financial statements refers to a change in accounting for goodwill.

## WHERE YOU CAN FIND MORE INFORMATION

Federal securities law requires us to file information with the Securities and Exchange Commission concerning our business and operations. We file annual, quarterly and current reports, proxy statements and other information with the SEC. You can read and copy these documents at the public reference facility maintained by the SEC at Judiciary Plaza, 450 Fifth Street, NW, Room 1024, Washington, DC 20549. Please call the SEC at 1-800-SEC-0330 for further information on the public reference rooms. Our SEC filings are also available to the public on the SEC's web site at <http://www.sec.gov>. You can also inspect our reports, proxy statements and other information at the offices of the Nasdaq National Market.

We have filed with the SEC a registration statement on Form S-3 to register the common stock to be sold in connection with this prospectus. This prospectus, which forms a part of the registration statement, does not contain all of the information included or incorporated in the registration statement. The SEC allows us to "incorporate by reference" the information we file with it, which means that we can disclose important information to you by referring you to those documents. The information that we incorporate by reference is considered to be part of this prospectus, and later information that we file with the SEC will automatically update and supersede this information. We incorporate by reference the documents listed below and any future filings made with the SEC (including all filings prior to the effectiveness of this registration statement) under Sections 13(a), 13(c), 14 or 15(d) of the Securities Exchange Act of 1934, as amended:

- our Annual Report on Form 10-K for the fiscal year ended August 31, 2002;
- our Quarterly Reports on Form 10-Q for the quarters ended November 30, 2002 and March 1, 2003;
- our Current Report on Form 8-K filed on February 11, 2003 (as amended on April 25, 2003); and
- the description of our common stock contained in our Amendment No. 6 to Form S-1 filed July 10, 2000, including any amendment or report filed for the purpose of updating such description.

Upon written or oral request, we will provide to each person to whom a copy of this prospectus is delivered, at no cost, a copy of any of the documents that are incorporated by reference into this prospectus. You may request a copy of any of the above filings by writing or telephoning us at the following address:

John D. Villas, Chief Financial Officer  
Entegris, Inc.  
3500 Lyman Boulevard  
Chaska, Minnesota 55318  
(952) 556-3131

**PART II.**  
**INFORMATION NOT REQUIRED IN PROSPECTUS**

**Item 14. Other Expenses of Issuance and Distribution**

|                              |                   |
|------------------------------|-------------------|
| SEC Registration Fee         | \$ 25,100         |
| Accounting Fees and Expenses | 50,000            |
| Legal Fees and Expenses      | 125,000           |
| Miscellaneous                | 2,400             |
| Printing Expenses            | 75,000            |
| Nasdaq Filing Fee            | 22,500            |
|                              |                   |
| Total                        | <u>\$ 300,000</u> |

All fees and expenses other than the SEC registration fee are estimated. The expenses listed above will be paid by Entegris, Inc. (the “Company”).

**Item 15. Indemnification of Officers and Directors**

Section 302A.521, subd. 2, of the Minnesota Statutes requires the Company to indemnify a person made or threatened to be made a party to a proceeding by reason of the former or present official capacity of the person with respect to the Company, against judgments, penalties, fines, including, without limitation, excise taxes assessed against the person with respect to an employee benefit plan, settlements, and reasonable expenses, including attorneys’ fees and disbursements, incurred by the person in connection with the proceeding with respect to the same acts or omissions if such person (1) has not been indemnified by another organization or employee benefit plan for the same judgments, penalties or fines; (2) acted in good faith; (3) received no improper personal benefit, and statutory procedure has been followed in the case of any conflict of interest by a director; (4) in the case of a criminal proceeding, had no reasonable cause to believe the conduct was unlawful; and (5) in the case of acts or omissions occurring in the person’s performance in the official capacity of director or, for a person not a director, in the official capacity of officer, board committee member or employee, reasonably believed that the conduct was in the best interests of the Company, or, in the case of performance by a director, officer or employee of the Company involving service as a director, officer, partner, trustee, employee or agent of another organization or employee benefit plan, reasonable believed that the conduct was not opposed to the best interests of the Company. In addition, Section 302A.521, subd. 3, requires payment by the Company, upon written request, of reasonable expenses in advance of final disposition of the proceeding in certain instances. A decision as to required indemnification is made by a disinterested majority of the Board of Directors present at a meeting at which a disinterested quorum is present, or by a designated committee of the Board, by special legal counsel, by the shareholders, or by a court.

Provisions regarding indemnification of officers and directors of the Company are contained in the Company’s Restated Articles of Incorporation and Bylaws, each of which are incorporated herein by reference.

The Company maintains a directors and officers insurance policy.

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**Item 16. List of Exhibits**

| <u>Exhibit<br/>No.</u> | <u>Description</u>   |
|------------------------|--|
| 1.1                    | Form of Underwriting Agreement (to be filed by amendment or by Current Report on Form 8-K pursuant to Item 601(b) of Regulation S-K).  |
| 4.1                    | Specimen of Common Stock Certificate (incorporated by reference to from the Company's Registration Statement on Form S-1 (No. 333-33668), filed with the Commission on July 10, 2000, as amended through the date hereof). |
| 5.1                    | Opinion of Dorsey & Whitney LLP regarding legality.  |
| 23.1                   | Consent of KPMG LLP.   |
| 23.2                   | Consent of Dorsey & Whitney LLP (included in Exhibit 5.1 to this Registration Statement).  |
| 24.1                   | Power of attorney from directors of Entegris, Inc. (included on the signature page).   |

**Item 17. Undertakings**

The undersigned registrant hereby undertakes:

(1) To file, during any period in which offers or sales are being made, a post-effective amendment to this registration statement:

(i) To include any prospectus required by section 10(a)(3) of the Securities Act of 1933;

(ii) To reflect in the prospectus any facts or events arising after the effective date of the registration statement (or the most recent post-effective amendment thereof) which, individually or in the aggregate, represent a fundamental change to such information in the registration statement. Notwithstanding the foregoing, any increase or decrease in volume of securities offered (if the total dollar value of securities offered would not exceed that which was registered) and any deviation from the low or high end of the estimated maximum offering range may be reflected in the form of prospectus filed with the Commission pursuant to Rule 424(b) under the Securities Act if, in the aggregate, the changes in volume and price represent no more than a 20% change in the maximum aggregate offering price set forth in the "Calculation of Registration Fee" table in the effective registration statement; and

(iii) To include any material information with respect to the plan of distribution not previously disclosed in the registration statement or any material change in the information set forth in the registration statement;

*provided, however*, that paragraphs (1)(i) and (1)(ii) do not apply if the registration statement is on Form S-3 or Form S-8, and the information required to be included in a post-effective amendment by those paragraphs is contained in periodic reports filed by the registrant pursuant to section 13 or section 15(d) of the Securities Exchange Act of 1934 that are incorporated by reference in the registration statement.

(2) That, for the purpose of determining any liability under the Securities Act of 1933, each such post-effective amendment shall be deemed to be a new registration statement relating to the securities offered therein, and the offering of such securities at that time shall be deemed to be the initial bona fide offering thereof.

(3) To remove from registration by means of a post-effective amendment any of the securities being registered which remain unsold at the termination of the offering.

The undersigned registrant hereby undertakes that, for purposes of determining any liability under the Securities Act of 1933, each filing of the registrant's annual report pursuant to Section 13(a) or 15(d) of the

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Securities Exchange Act of 1934 that is incorporated by reference in the registration statement shall be deemed to be a new registration statement relating to the securities offered therein, and the offering of such securities at that time shall be deemed to be the initial bona fide offering thereof.

Insofar as indemnification for liabilities arising under the Securities Act of 1933 may be permitted to directors, officers, and controlling persons of the registrant pursuant to the foregoing provisions, or otherwise, the registrant has been advised that, in the opinion of the Securities and Exchange Commission, such indemnification is against public policy as expressed in the Act and is, therefore, unenforceable. In the event that a claim for indemnification against liabilities (other than the payment by the registrant of expenses incurred or paid by a director, officer or controlling person of the registrant in the successful defense of any action, suit or proceeding) is asserted by such director, officer or controlling person in connection with the securities being registered, the registrant will, unless in the opinion of its counsel the matter has been settled by controlling precedent, submit to a court of appropriate jurisdiction the question whether such indemnification by it is against public policy as expressed in the Act and will be governed by the final adjudication of such issue.

## SIGNATURES

Pursuant to the requirements of the Securities Act of 1933, the registrant certifies that it has reasonable grounds to believe that it meets all of the requirements for filing on Form S-3 and has duly caused this Registration Statement to be signed on its behalf by the undersigned, thereunto duly authorized, in the City of Chaska, State of Minnesota, on June 9, 2003.

ENTEGRIS, INC.

By: /s/ JAMES E. DAUWALTER

**James E. Dauwalter**  
President and Chief Executive Officer

KNOW ALL PERSONS BY THESE PRESENTS, that each person whose signature appears below hereby constitutes and appoints James E. Dauwalter and John D. Villas, or either of them (with full power to act alone), as the undersigned's true and lawful attorneys-in-fact and agents, with full powers of substitution and resubstitution, for the undersigned and in his or her name, place and stead, in any and all capacities, to sign the Registration Statement on Form S-3 of Entegris, Inc., and any or all amendments (including post-effective amendments or a related Registration filed pursuant to rule 462(b)) thereto, and to file the same, with all exhibits thereto, and other documents in connection therewith, with the Securities and Exchange Commission granting unto said attorneys-in-fact and agents, full power and authority to do and perform each and every act and thing requisite or necessary to be done in and about the premises, as fully to all intents and purposes as he might or could do in person, hereby ratifying and confirming all that said attorneys-in-fact and agents, or their substitute or substitutes, may lawfully do or cause to be done by virtue hereof.

Pursuant to the requirements of the Securities Act of 1933, this Registration Statement has been signed by the following persons in the capacities and on the date indicated.

| <u>Name</u>  | <u>Title</u>   | <u>Date</u>  |
|--|--|--------------|
| <u>/s/ JAMES E. DAUWALTER</u><br><b>James E. Dauwalter</b>     | President, Chief Executive Officer and Director (Principal Executive Officer)          | June 9, 2003 |
| <u>/s/ JOHN D. VILLAS</u><br><b>John D. Villas</b>             | Chief Financial Officer (Principal Financial Officer and Principal Accounting Officer) | June 9, 2003 |
| <u>/s/ STAN GEYER</u><br><b>Stan Geyer</b>                     | Director and Chairman of the Board   | June 9, 2003 |
| <u>/s/ DANIEL R. QUERNOMOEN</u><br><b>Daniel R. Quernomoen</b> | Director   | June 9, 2003 |
| <u>/s/ JAMES A. BERNARDS</u><br><b>James A. Bernards</b>       | Director   | June 9, 2003 |
| <u>/s/ ROBERT J. BOEHLKE</u><br><b>Robert J. Boehlke</b>       | Director   | June 9, 2003 |
| <u>/s/ PAUL L. H. OLSON</u><br><b>Paul L. H. Olson</b>         | Director   | June 9, 2003 |
| <u>/s/ GARY F. KLINGL</u><br><b>Gary F. Klingl</b>             | Director   | June 9, 2003 |
| <u>/s/ ROGER D. MCDANIEL</u><br><b>Roger D. McDaniel</b>       | Director   | June 9, 2003 |

**EXHIBIT INDEX**

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| 24.1                   | Power of Attorney (included on the signature pages).   |

[Dorsey & Whitney LLP Letterhead]

Entegris, Inc.  
3500 Lyman Boulevard  
Chaska, Minnesota 55318

Re: Registration Statement on Form S-3

Ladies and Gentlemen:

We have acted as counsel to Entegris, Inc., a Minnesota corporation (the "Company"), in connection with a Registration Statement on Form S-3 (the "Registration Statement") to be filed with the Securities and Exchange Commission under the Securities Act of 1933, as amended, relating to the sale from time to time of up to 25,000,000 shares of common stock of the Company, par value \$.01 per share ("Common Stock"), by the Company and the Selling Shareholders named in the Registration Statement or to be named in the applicable supplemental prospectus.

We have examined such documents and have reviewed such questions of law as we have considered necessary and appropriate for the purposes of our opinions set forth below. We have assumed the authenticity of all documents submitted to us as originals, the genuineness of all signatures and the conformity to authentic originals of all documents submitted to us as copies. We have also assumed the legal capacity for all purposes relevant hereto of all natural persons. As to questions of fact material to our opinions, we have relied upon certificates of officers of the Company.

Based on the foregoing, we are of the opinion that the shares of Common Stock to be sold by the Company and the Selling Shareholders pursuant to the Registration Statement have been duly authorized by all requisite corporate action and are validly issued, fully paid and nonassessable.

Our opinions expressed above are limited to the laws of the State of Minnesota.

We hereby consent to the filing of this opinion as an exhibit to the Registration Statement, and to the reference to our firm under the heading "Legal Matters" in the Prospectus constituting part of the Registration Statement.

Dated: June 9, 2003

Very truly yours,  
/s/ Dorsey & Whitney LLP



**Independent Auditors' Consent**

The Board of Directors  
Entegris, Inc. and Subsidiaries:

We consent to the use of our reports incorporated by reference herein and to the reference to our firm under the heading "Experts" in the prospectus.

Our report refers to a change of accounting for goodwill in fiscal 2002.

/s/ KPMG LLP

Minneapolis, Minnesota  
June 6, 2003