
OMB APPROVAL

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UNITED STATES
SECURITIES AND EXCHANGE COMMISSION
WASHINGTON, D.C. 20549

SCHEDULE 13G

UNDER THE SECURITIES EXCHANGE ACT OF 1934

METRON TECHNOLOGY N.V.

(Name of Issuer)

COMMON SHARES

(Title of Class of Securities)

N5665B-10-5

(CUSIP Number)

NOVEMBER 19, 1999

(Date of Event Which Requires Filing of this Statement)

Check the appropriate box to designate the rule pursuant to which this
Schedule is filed:

/ / Rule 13d-1(b)

/ / Rule 13d-1(c)

/X/ Rule 13d-1(d)

*The remainder of this cover page shall be filled out for a reporting
person's initial filing on this form with respect to the subject class of
securities, and for any subsequent amendment containing information which
would alter the disclosures provided in a prior cover page.

The information required in the remainder of this cover page shall not
be deemed to be "filed" for the purpose of Section 18 of the Securities
Exchange Act of 1934 ("Act") or otherwise subject to the liabilities of that
section of the Act but shall be subject to all other provisions of the Act
(however, see the Notes).

POTENTIAL PERSONS WHO ARE TO RESPOND TO THE COLLECTION OF INFORMATION CONTAINED
IN THIS FORM ARE NOT REQUIRED TO RESPOND UNLESS THE FORM DISPLAYS A CURRENTLY
VALID OMB CONTROL NUMBER.

CUSIP NO. N5665B-10-5

13G

PAGE 2 OF 4 PAGES

(1) Name of Reporting Person FLUOROWARE, INC. (A WHOLLY OWNED SUBSIDIARY
OF ENTEGRIS, INC.)
I.R.S. Identification No(s). of above person(s) (entities only).

 (2) Check the Appropriate Box if a Member (a) / /
 of a Group* (b) / /

(3) SEC Use Only

(4) Citizenship or Place of Organization
 CHASKA, MINNESOTA (USA)

Number of Shares (5) Sole Voting Power
 Beneficially 2,703,812 COMMON SHARES
 Owned by -----

Each Reporting (6) Shared Voting Power
 Person With: 0

(7) Sole Dispositive Power
 2,703,812 COMMON SHARES

(8) Shared Dispositive Power
 0

(9) Aggregate Amount Beneficially Owned by Each Reporting Person
 2,703,812 COMMON SHARES

(10) Check if the Aggregate Amount in Row (9) Excludes Certain Shares*
 NOT APPLICABLE

(11) Percent of Class Represented by Amount in Row (9)
 21.8%

(12) Type of Reporting Person*
 CO - CORPORATION

*SEE INSTRUCTION BEFORE FILLING OUT!

ITEM 1.

(a) Name of Issuer:
 METRON TECHNOLOGY N.V.

 (b) Address of Issuer's Principal Executive Offices:
 1350 OLD BAYSHORE HIGHWAY #360, BURLINGAME, CA 94010

ITEM 2.

(a) Name of Person Filing:
 FLUOROWARE, INC. (NOW KNOWN AS ENTEGRIS, INC.)

 (b) Address of Principal Business Office or, if none, Residence:
 3500 LYMAN BOULEVARD, CHASKA, MN 55318

 (c) Citizenship:
 CHASKA, MINNESOTA (USA)

 (d) Title of Class of Securities:
 COMMON SHARES

 (e) CUSIP Number:
 N5665B-10-5

ITEM 3. IF THIS STATEMENT IS FILED PURSUANT TO SECTIONS 240.13d-1(b) OR
 240.13d-2(b) OR (c), CHECK WHETHER THE PERSON FILING IS A:

(a) / / Broker or dealer registered under section 15 of the Act
 (15 U.S.C. 78o);

(b) / / Bank as defined in section 3(a)(6) of the Act (15 U.S.C. 78c);

- (c) / / Insurance company as defined in section 3(a)(19) of the Act (15 U.S.C. 78c);
- (d) / / An investment company registered under section 8 of the Investment Company Act of 1940 (15 U.S.C. 80a-8);
- (e) / / An investment adviser in accordance with section 240.13d-1(b)(1)(ii)(E);
- (f) / / An employee benefit plan or endowment fund in accordance with section 240.13d-1(b)(1)(ii)(F);
- (g) / / A parent holding company or control person in accordance with section 240.13d-1(b)(1)(ii)(G);
- (h) / / A savings association as defined in section 3(b) of the Federal Deposit Insurance Act (12 U.S.C. 1813);
- (i) / / A church plan that is excluded from the definition of an investment company under section 3(c)(14) of the Investment Company Act of 1940 (15 U.S.C. 80a-3);
- (j) / / Group, in accordance with section 240.13d-1(b)(1)(ii)(J)

ITEM 4. OWNERSHIP

Provide the following information regarding the aggregate number and percentage of the class of securities of the issuer identified in Item 1.

- (a) Amount beneficially owned:
2,703,812 COMMON SHARES (INCLUDES 13,125 SHARES ISSUABLE PURSUANT TO OPTIONS EXERCISABLE WITHIN 60 DAYS OF AUGUST 31, 1999 BY MR. JAMES E. DAUWALTER, EXECUTIVE VICE PRESIDENT AND CHIEF OPERATING OFFICER OF ENTEGRIS, INC. ("ENTEGRIS"). PURSUANT TO AN AGREEMENT BETWEEN MR. DAUWALTER AND ENTEGRIS, MR. DAUWALTER ASSIGNED OWNERSHIP RIGHTS TO ALL SHARES ISSUABLE UPON EXERCISE OF THE OPTIONS TO ENTEGRIS.)

- (b) Percent of class:
21.8% (BASED ON 12,404,261 COMMON SHARES OUTSTANDING AS OF NOVEMBER 19, 1999).

- (c) Number of shares as to which such person has:
 - (i) Sole power to vote or to direct the vote:
2,703,812 COMMON SHARES

 - (ii) Shared power to vote or to direct the vote:
0

 - (iii) Sole power to dispose or to direct the disposition of:
2,703,812 COMMON SHARES

 - (iv) Shared power to dispose or to direct the disposition of:
0

ITEM 5. OWNERSHIP OF FIVE PERCENT OR LESS OF A CLASS
Not Applicable.

ITEM 6. OWNERSHIP OF MORE THAN FIVE PERCENT ON BEHALF OF ANOTHER PERSON
Not Applicable.

ITEM 7. IDENTIFICATION AND CLASSIFICATION OF THE SUBSIDIARY WHICH ACQUIRED THE SECURITY BEING REPORTED ON BY THE PARENT HOLDING COMPANY
Not Applicable.

ITEM 8. IDENTIFICATION AND CLASSIFICATION OF MEMBERS OF THE GROUP
Not Applicable.

ITEM 9. NOTICE OF DISSOLUTION OF A GROUP
Not Applicable.

ITEM 10. CERTIFICATION
Not Applicable.

SIGNATURE

After reasonable inquiry and to the best of my knowledge and belief, I
certify that the information set forth in this statement is true, complete and
correct.

December 23, 1999

Date

/s/ James Dauwalter

Signature

Jim Dauwalter, Executive Vice President

Name/Title