

# FORM 4

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

OMB APPROVAL  
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[ ] Check this box if no longer subject to Section 16. Form 4 or Form 5 obligations may continue. See Instruction 1(b).

## STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF SECURITIES

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934 or  
Section 30(h) of the Investment Company Act of 1940

|   |  |  |   |  |  |   |  |  |
|---|--|--|---|--|--|---|--|--|
| 1. Name and Address of Reporting Person * |  |  | 2. Issuer Name and Ticker or Trading Symbol       |  |  | 5. Relationship of Reporting Person(s) to Issuer (Check all applicable)   |  |  |
| <b>Plantevin Michel</b>                   |  |  | <b>Trinseo S.A. [ TSE ]</b>                       |  |  | <input checked="" type="checkbox"/> Director <input type="checkbox"/> 10% Owner<br><input type="checkbox"/> Officer (give title below) <input type="checkbox"/> Other (specify below) |  |  |
| (Last) (First) (Middle)                   |  |  | 3. Date of Earliest Transaction (MM/DD/YYYY)      |  |  |   |  |  |
| <b>200 CLARENDON STREET</b>               |  |  | <b>5/12/2016</b>                                  |  |  |   |  |  |
| (Street)                                  |  |  | 4. If Amendment, Date Original Filed (MM/DD/YYYY) |  |  | 6. Individual or Joint/Group Filing (Check Applicable Line)   |  |  |
| <b>BOSTON, MA 02116</b>                   |  |  |   |  |  | <input checked="" type="checkbox"/> Form filed by One Reporting Person<br><input type="checkbox"/> Form filed by More than One Reporting Person                                       |  |  |
| (City) (State) (Zip)                      |  |  |   |  |  |   |  |  |

**Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned**

| 1. Title of Security (Instr. 3) | 2. Trans. Date | 2A. Deemed Execution Date, if any | 3. Trans. Code (Instr. 8) |   | 4. Securities Acquired (A) or Disposed of (D) (Instr. 3, 4 and 5) |            |         | 5. Amount of Securities Beneficially Owned Following Reported Transaction(s) (Instr. 3 and 4) | 6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4) | 7. Nature of Indirect Beneficial Ownership (Instr. 4) |
|---------------------------------|----------------|-----------------------------------|---------------------------|---|---|------------|---------|---|--|---|
|                                 |                |                                   | Code                      | V | Amount  | (A) or (D) | Price   |   |  |   |
| ORDINARY SHARES                 | 5/12/2016      |                                   | S                         |   | 8000000   | D          | \$42.90 | 18669567  | I  | See Footnotes (1)(2)                                  |
| ORDINARY SHARES                 |                |                                   |                           |   |   |            |         | 3236 (3)  | D  |   |

**Table II - Derivative Securities Beneficially Owned ( e.g. , puts, calls, warrants, options, convertible securities)**

| 1. Title of Derivate Security (Instr. 3) | 2. Conversion or Exercise Price of Derivative Security | 3. Trans. Date | 3A. Deemed Execution Date, if any | 4. Trans. Code (Instr. 8) |   | 5. Number of Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4 and 5) | 6. Date Exercisable and Expiration Date |     | 7. Title and Amount of Securities Underlying Derivative Security (Instr. 3 and 4) |                 | 8. Price of Derivative Security (Instr. 5) | 9. Number of derivative Securities Beneficially Owned Following Reported Transaction(s) (Instr. 4) | 10. Ownership Form of Derivative Security: Direct (D) or Indirect (I) (Instr. 4) | 11. Nature of Indirect Beneficial Ownership (Instr. 4) |
|--|--|----------------|-----------------------------------|---------------------------|---|--|---|-----|---|-----------------|--|--|--|--|
|  |  |                |                                   | Code                      | V |  | (A)                                     | (D) | Date Exercisable  | Expiration Date |  |  |  |  |

### Explanation of Responses:

- (1) Represents ordinary shares of Trinseo S.A. held by Bain Capital Everest Manager Holding SCA ("BCEM Holding").
- (2) The governance, investment strategy and decision-making process with respect to the investments held by the Bain Capital funds is directed by the Global Private Equity Board ("GPEB") of Bain Capital Investors, LLC.. Mr. Plantevin is a member of GPEB. By virtue of these relationships described in these footnotes, Mr. Plantevin may be deemed to share voting and dispositive power with respect to all of the shares of Trinseo S.A. held by BCEM Holding. Mr. Plantevin disclaims beneficial ownership of such securities except to the extent of his pecuniary interest therein.
- (3) Represents shares subject to restricted stock unit award that will vest in full on the earlier of (a) the first anniversary of the grant date, subject to the grantee's continued service as a member of the Board through such date, or (b) the termination of the grantee's service as a member of the Board as a result of his or her death. If the grantee's service as a member of the Board ceases for any reason other than death, the award, to the extent not already vested, will be automatically and immediately forfeited.

### Reporting Owners

| Reporting Owner Name / Address  | Relationships |           |         |       |
|---|---------------|-----------|---------|-------|
|   | Director      | 10% Owner | Officer | Other |
| <b>Plantevin Michel</b><br><b>200 CLARENDON STREET</b><br><b>BOSTON, MA 02116</b> | <b>X</b>      | <b>X</b>  |         |       |

### Signatures

**Michel Plantevin**

**5/16/2016**

\*\* Signature of Reporting Person

Date

Reminder: Report on a separate line for each class of securities beneficially owned directly or indirectly.

\* If the form is filed by more than one reporting person, *see* Instruction 4(b)(v).

\*\* Intentional misstatements or omissions of facts constitute Federal Criminal Violations. *See* 18 U.S.C. 1001 and 15 U.S.C. 78ff(a).

Note: File three copies of this Form, one of which must be manually signed. If space is insufficient, *see* Instruction 6 for procedure.

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