

FORM 4

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

UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

OMB APPROVAL

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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) |
| Pappas Christopher D | Trinseo S.A. [TSE] | <input checked="" type="checkbox"/> Director <input type="checkbox"/> 10% Owner |
| (Last) (First) (Middle) | 3. Date of Earliest Transaction (MM/DD/YYYY) | <input checked="" type="checkbox"/> Officer (give title below) <input type="checkbox"/> Other (specify below) |
| C/O TRINSEO S.A., 1000 CHESTERBROOK BOULEVARD, SUITE 300 | 5/15/2017 | See Remarks |
| (Street) | 4. If Amendment, Date Original Filed (MM/DD/YYYY) | 6. Individual or Joint/Group Filing (Check Applicable Line) |
| BERWYN, PA 19312 | | <input checked="" type="checkbox"/> Form filed by One Reporting Person |
| (City) (State) (Zip) | | <input type="checkbox"/> Form filed by More than One Reporting Person |

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 | 5/15/2017 | | M (U) | | 20000 | A | \$18.14 | 260240 | D | |
| Ordinary Shares | 5/15/2017 | | S (U) | | 20000 | D | \$64.00 | 240240 | 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 | Title | Amount or Number of Shares | | | | |
| Option to Purchase Ordinary Shares | \$18.14 | 5/15/2017 | | M (U) | | | 20000 | 2/27/2016 | 2/27/2024 | Ordinary Shares | 20000 | \$0 | 464479 | D | |

Explanation of Responses:

(1) This Form 4 reflects the exercise of stock options and the sale of underlying shares pursuant to a duly adopted 10b5-1 trading plan entered into in accordance with the Issuer's insider trading policy, which provides for periodic stock option exercises as part of a personal liquidity and diversification strategy.

Remarks:

President and Chief Executive Officer

Reporting Owners

| Reporting Owner Name / Address | Relationships | | | |
|--|---------------|-----------|-------------|-------|
| | Director | 10% Owner | Officer | Other |
| Pappas Christopher D C/O TRINSEO S.A. 1000 CHESTERBROOK BOULEVARD, SUITE 300 BERWYN, PA 19312 | X | | See Remarks | |

Signatures

/s/ Dana M. Eddis, attorney-in-fact

5/16/2017

**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.

Persons who 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.