

# FORM 4

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

OMB APPROVAL  
OMB Number: 3235-0287  
Estimated average burden  
hours per response... 0.5

[ X ] 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>BAIN CAPITAL INVESTORS LLC</b>			<b>Trinseo S.A. [ TSE ]</b>			<input type="checkbox"/> Director <input checked="" type="checkbox"/> 10% Owner <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>9/23/2016</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 type="checkbox"/> Form filed by One Reporting Person <input checked="" 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	9/23/2016		S		10669567	D	\$54.05	0	I	See Footnotes <a href="#">(1)</a> <a href="#">(2)</a> <a href="#">(3)</a>

**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:**

- ( Represents ordinary shares of Trinseo S.A. held by Bain Capital Everest Manager Holding SCA ("BCEM Holding"), whose general partner is Bain Capital
- 1) Everest Manager S.a r.l. ("BCEM"). On September 23, 2016, BCEM Holding sold 10,669,567 Ordinary Shares. Following such sale, BCEM Holding held zero Ordinary Shares.
- ( All of the outstanding share capital of BCEM is held by Bain Capital Europe Fund III, L.P. ("Europe Fund III") and, in that capacity, Europe Fund III has the
- 2) power to appoint the managers of BCEM. Bain Capital Investors, LLC ("BCI") is the general partner of Bain Capital Partners Europe III, L.P. ("Partners Europe III"), which is the general partner of Europe Fund III. BCI is also the general partner of Bain Capital Partners X, L.P. ("Partners X"), which is the general partner of Bain Capital Fund X, L.P. ("Fund X"). Boylston Coinvestors, LLC is the general partner of BCIP Associates IV, L.P. ("BCIP IV"), BCIP Associates IV-B, L.P. ("BCIP IV-B"), BCIP Trust Associates IV, L.P. ("BCIP Trust IV") and BCIP Trust Associates IV-B, L.P. ("BCIP Trust IV-B," and, together with BCEM Holdings, BCEM, Europe Fund III, Partners Europe III, Fund X, Partners X, BCIP IV, BCIP IV-B and BCIP Trust IV, the "Bain Capital Entities").
- ( The governance, investment strategy and decision-making process with respect to the investments held by all of the Bain Capital Entities is directed by BCI's
- 3) Global Private Equity Board. As a result, BCI may be deemed to share voting and dispositive power with respect to the shares of Trinseo S.A. held by BCEM Holding. BCI disclaims beneficial ownership of such securities except to the extent of its pecuniary interest therein.

**Remarks:**

1 of 2

**Reporting Owners**

Reporting Owner Name / Address	Relationships			
	Director	10% Owner	Officer	Other
<b>BAIN CAPITAL INVESTORS LLC</b> <b>200 CLARENDON STREET</b> <b>BOSTON, MA 02116</b>		X		
<b>Bain Capital Everest Manager Holding SCA</b>				

4 LOU HEMMER, L-1748 GRAND-DUCHY OF LUXEMBOURG N4		X		
Bain Capital Everest Manager S.a.r.l. 4 LOU HEMMER, L-1748 GRAND-DUCHY OF LUXEMBOURG N4		X		
Bain Capital Europe Fund III, L.P. 200 CLARENDON STREET BOSTON, MA 02116		X		
Bain Capital Partners Europe III, L.P. 200 CLARENDON STREET BOSTON, MA 02116		X		
Bain Capital Fund X LP 200 CLARENDON STREET BOSTON, MA 02116		X		
Bain Capital Partners X, L.P. 200 CLARENDON STREET BOSTON, MA 02116		X		
BCIP Associates IV, L.P. 200 CLARENDON STREET BOSTON, MA 02116		X		
BCIP Associates IV-B, L.P. 200 CLARENDON STREET BOSTON, MA 02116		X		
BCIP Trust Associates IV, L.P. 200 CLARENDON STREET BOSTON, MA 02116		X		

**Signatures**

**BAIN CAPITAL INVESTORS, LLC, By: /s/ Stephen Thomas** **9/27/2016**

**--Signature of Reporting Person** Date

**BAIN CAPITAL EVEREST MANAGER HOLDING SCA, BY: Bain Capital Everest Manager S.a.r.l., its general partner, By: /s/ Stephen Thomas, Name: Stephen Thomas, Title: Manager** **9/27/2016**

**--Signature of Reporting Person** Date

**BAIN CAPITAL EVEREST MANAGER S.a.r.l., By: /s/ Stephen Thomas, Name: Stephen Thomas, Title: Manager** **9/27/2016**

**--Signature of Reporting Person** Date

**BAIN CAPITAL EUROPE FUND III, L.P., BY: Bain Capital Partners Europe III, L.P., its general partner, BY: Bain Capital Investors, LLC, its general partner, By: /s/ Stephen Thomas, Name: Stephen Thomas, Title: Managing Director** **9/27/2016**

**--Signature of Reporting Person** Date

**BAIN CAPITAL PARTNERS EUROPE III, L.P., BY: Bain Capital Investors, LLC, its general partner, By: /s/ Stephen Thomas, Name: Stephen Thomas, Title: Managing Director** **9/27/2016**

**--Signature of Reporting Person** Date

**BAIN CAPITAL FUND X, L.P., BY: Bain Capital Partners X, L.P., its general partner, BY: Bain Capital Investors, LLC, its general partner, By: /s/ Stephen Thomas, Name: Stephen Thomas, Title: Managing Director** **9/27/2016**

**--Signature of Reporting Person** Date

**BAIN CAPITAL PARTNERS X, L.P., BY: Bain Capital Investors, LLC, its general partner, By: /s/ Stephen Thomas, Name: Stephen Thomas, Title: Managing Director** **9/27/2016**

**--Signature of Reporting Person** Date

**BCIP ASSOCIATES IV, L.P., BY: Boylston Coinvestors, LLC, its general partner, By: /s/ Stephen Thomas, Name: Stephen Thomas, Title: Authorized Signatory** **9/27/2016**

**--Signature of Reporting Person** Date

**BCIP ASSOCIATES IV-B, L.P., BY: Boylston Coinvestors, LLC, its general partner, By: /s/ Stephen Thomas, Name: Stephen Thomas, Title: Authorized Signatory** **9/27/2016**

**--Signature of Reporting Person** Date

—\*\*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.