



## SAFETY DATA SHEET FOSROC PRIMER 7E PART B

### SECTION 1: Identification of the substance/mixture and of the company/undertaking

#### 1.1. Product identifier

**Product name** FOSROC PRIMER 7E PART B  
**Product number** A1557011UK9

#### 1.2. Relevant identified uses of the substance or mixture and uses advised against

**Identified uses** Primer.

#### 1.3. Details of the supplier of the safety data sheet

##### Supplier

FOSROC Limited  
 Drayton Manor Business Park  
 Coleshill Road  
 Tamworth  
 Staffordshire  
 B78 3XN  
 enquiryuk@fosroc.com  
 Tel. +44 (0) 1827 262222  
 Fax. +44 (0) 1827 262444

#### 1.4. Emergency telephone number

**Emergency telephone** +44 (0) 1827 265 279 (08.30 to 17.00hrs Mon - Thu; 0.8.30 to 16.00hrs Fri)

### SECTION 2: Hazards identification

#### 2.1. Classification of the substance or mixture

##### Classification (EC 1272/2008)

**Physical hazards** Flam. Liq. 2 - H225  
**Health hazards** Skin Irrit. 2 - H315 Eye Dam. 1 - H318 Repr. 2 - H361d STOT SE 3 - H336 STOT RE 2 - H373  
**Environmental hazards** Not Classified

**Classification (67/548/EEC or 1999/45/EC)** Xi;R36. F;R11. R66,R67.

**Physicochemical** The product is highly flammable. Vapours may form explosive mixtures with air.

#### 2.2. Label elements

##### Pictogram



##### Signal word

Danger

## FOSROC PRIMER 7E PART B

<b>Hazard statements</b>	<p>H225 Highly flammable liquid and vapour.  H315 Causes skin irritation.  H318 Causes serious eye damage.  H336 May cause drowsiness or dizziness.  H361d Suspected of damaging the unborn child.  H373 May cause damage to organs through prolonged or repeated exposure.</p>
<b>Precautionary statements</b>	<p>P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.  P261 Avoid breathing vapour/ spray.  P280 Wear protective gloves/ protective clothing/ eye protection/ face protection.  P303+P361+P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/ shower.  P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.</p>
<b>Contains</b>	TOLUENE, 1-METHOXY-2-PROPANOL, BUTANOL-norm
<b>Supplementary precautionary statements</b>	<p>P201 Obtain special instructions before use.  P202 Do not handle until all safety precautions have been read and understood.  P240 Ground/ bond container and receiving equipment.  P241 Use explosion-proof electrical equipment.  P242 Use only non-sparking tools.  P243 Take precautionary measures against static discharge.  P260 Do not breathe vapour/ spray.  P264 Wash contaminated skin thoroughly after handling.  P271 Use only outdoors or in a well-ventilated area.  P302+P352 IF ON SKIN: Wash with plenty of water.  P304+P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing.  P308+P313 IF exposed or concerned: Get medical advice/ attention.  P310 Immediately call a POISON CENTER/ doctor.  P312 Call a POISON CENTER/ doctor if you feel unwell.  P314 Get medical advice/ attention if you feel unwell.  P321 Specific treatment (see medical advice on this label).  P332+P313 If skin irritation occurs: Get medical advice/ attention.  P362+P364 Take off contaminated clothing and wash it before reuse.  P370+P378 In case of fire: Use foam, carbon dioxide, dry powder or water fog to extinguish.  P403+P233 Store in a well-ventilated place. Keep container tightly closed.  P403+P235 Store in a well-ventilated place. Keep cool.  P405 Store locked up.  P501 Dispose of contents/ container in accordance with national regulations.</p>

### 2.3. Other hazards

This substance is not classified as PBT or vPvB according to current EU criteria.

## SECTION 3: Composition/information on ingredients

### 3.2. Mixtures

**FOSROC PRIMER 7E PART B**

<b>TOLUENE</b> <span style="float: right;"><b>30-60%</b></span>		
CAS number: 108-88-3	EC number: 203-625-9	REACH registration number: 01-2119471310-51-0000
<b>Classification</b> Flam. Liq. 2 - H225 Skin Irrit. 2 - H315 Repr. 2 - H361d STOT SE 3 - H336 STOT RE 2 - H373 Asp. Tox. 1 - H304		
<b>1-METHOXY-2-PROPANOL</b> <span style="float: right;"><b>30-60%</b></span>		
CAS number: 107-98-2	EC number: 203-539-1	
<b>Classification</b> Flam. Liq. 3 - H226 STOT SE 3 - H336		
<b>XYLENE</b> <span style="float: right;"><b>5-10%</b></span>		
CAS number: 1330-20-7	EC number: 215-535-7	REACH registration number: 01-2119488216-32-0000
<b>Classification</b> Flam. Liq. 3 - H226 Acute Tox. 4 - H312 Acute Tox. 4 - H332 Skin Irrit. 2 - H315		
<b>n-BUTANOL</b> <span style="float: right;"><b>5-10%</b></span>		
CAS number: 71-36-3	EC number: 200-751-6	REACH registration number: 01-2119484630-38-0000
<b>Classification</b> Flam. Liq. 3 - H226 Acute Tox. 4 - H302 Skin Irrit. 2 - H315 Eye Dam. 1 - H318 STOT SE 3 - H335, H336		

The Full Text for all R-Phrases and Hazard Statements are Displayed in Section 16.

#### **SECTION 4: First aid measures**

##### **4.1. Description of first aid measures**

<b>General information</b>	Get medical attention if any discomfort continues.
<b>Inhalation</b>	Move affected person to fresh air at once. Get medical attention if any discomfort continues.
<b>Ingestion</b>	Move affected person to fresh air and keep warm and at rest in a position comfortable for breathing. Rinse mouth thoroughly with water. Give plenty of water to drink. Get medical attention.

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**Skin contact** Remove contaminated clothing immediately and wash skin with soap and water. Get medical attention if any discomfort continues.

**Eye contact** Rinse immediately with plenty of water. Remove any contact lenses and open eyelids wide apart. Continue to rinse for at least 15 minutes. Get medical attention immediately. Continue to rinse.

### 4.2. Most important symptoms and effects, both acute and delayed

**General information** The severity of the symptoms described will vary dependent on the concentration and the length of exposure.

**Inhalation** Difficulty in breathing. Vapours may cause drowsiness and dizziness. Central nervous system depression.

**Ingestion** Gastrointestinal symptoms, including upset stomach. May cause nausea, headache, dizziness and intoxication. Narcotic effect.

**Skin contact** Irritating to skin.

**Eye contact** Irritating to eyes.

### 4.3. Indication of any immediate medical attention and special treatment needed

**Notes for the doctor** Treat symptomatically. Development of symptoms may be delayed for 24 to 48 hours.

## SECTION 5: Firefighting measures

### 5.1. Extinguishing media

**Suitable extinguishing media** Extinguish with alcohol-resistant foam, carbon dioxide, dry powder or water fog.

**Unsuitable extinguishing media** Do not use water jet as an extinguisher, as this will spread the fire.

### 5.2. Special hazards arising from the substance or mixture

**Specific hazards** Vapours may be ignited by a spark, a hot surface or an ember. The product is highly flammable. Vapours are heavier than air and may spread near ground and travel a considerable distance to a source of ignition and flash back.

**Hazardous combustion products** Thermal decomposition or combustion may liberate carbon oxides and other toxic gases or vapours. Oxides of carbon. Oxides of nitrogen.

### 5.3. Advice for firefighters

**Protective actions during firefighting** Avoid breathing fire gases or vapours. Containers close to fire should be removed or cooled with water. Control run-off water by containing and keeping it out of sewers and watercourses.

**Special protective equipment for firefighters** Wear positive-pressure self-contained breathing apparatus (SCBA) and appropriate protective clothing.

## SECTION 6: Accidental release measures

### 6.1. Personal precautions, protective equipment and emergency procedures

**Personal precautions** Follow precautions for safe handling described in this safety data sheet. Take precautionary measures against static discharges. Provide adequate ventilation.

### 6.2. Environmental precautions

**Environmental precautions** Do not discharge into drains or watercourses or onto the ground.

### 6.3. Methods and material for containment and cleaning up

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**Methods for cleaning up** Eliminate all sources of ignition. No smoking, sparks, flames or other sources of ignition near spillage. Provide adequate ventilation. Contain and absorb spillage with sand, earth or other non-combustible material. Collect and place in suitable waste disposal containers and seal securely. For waste disposal, see Section 13. Avoid the spillage or runoff entering drains, sewers or watercourses.

### 6.4. Reference to other sections

**Reference to other sections** Wear protective clothing as described in Section 8 of this safety data sheet. Collect and dispose of spillage as indicated in Section 13.

## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

**Usage precautions** Avoid contact with skin and eyes. Avoid spilling. Keep away from heat, sparks and open flame. Static electricity and formation of sparks must be prevented. Provide adequate ventilation.

### 7.2. Conditions for safe storage, including any incompatibilities

**Storage precautions** Store in tightly-closed, original container in a dry, cool and well-ventilated place. Keep away from heat, sparks and open flame.

**Storage class** Flammable liquid storage.

### 7.3. Specific end use(s)

**Specific end use(s)** The identified uses for this product are detailed in Section 1.2.

## SECTION 8: Exposure Controls/personal protection

### 8.1. Control parameters

#### Occupational exposure limits

##### TOLUENE

Long-term exposure limit (8-hour TWA): WEL 50 ppm(Sk) 191 mg/m<sup>3</sup>(Sk)

Short-term exposure limit (15-minute): WEL 100 ppm(Sk) 384 mg/m<sup>3</sup>(Sk)

##### 1-METHOXY-2-PROPANOL

Sk

Long-term exposure limit (8-hour TWA): WEL 100 ppm 375 mg/m<sup>3</sup>

Short-term exposure limit (15-minute): WEL 150 ppm 560 mg/m<sup>3</sup>

##### XYLENE

Long-term exposure limit (8-hour TWA): WEL 50 ppm 220 mg/m<sup>3</sup>

Short-term exposure limit (15-minute): WEL 100 ppm 441 mg/m<sup>3</sup>

Sk

##### n-BUTANOL

Long-term exposure limit (8-hour TWA): WEL

Short-term exposure limit (15-minute): WEL 50 ppm 154 mg/m<sup>3</sup>

Sk

Sk = Can be absorbed through the skin.

WEL = Workplace Exposure Limit

Sk = Can be absorbed through skin.

### TOLUENE (CAS: 108-88-3)

## FOSROC PRIMER 7E PART B

<b>DNEL</b>	Workers - Inhalation; Short term systemic effects, local effects: 384 mg/m <sup>3</sup> Workers - Inhalation; Short term systemic effects, local effects: 384 mg/m <sup>3</sup> Workers - Dermal; Long term systemic effects: 384 mg/kg/day General population - Inhalation; Long term systemic effects, local effects: 56.5 mg/m <sup>3</sup> General population - Inhalation; Short term systemic effects, local effects: 226 mg/m <sup>3</sup> General population - Dermal; Long term systemic effects: 226 mg/kg/day General population - Oral; Long term systemic effects: 8.13 mg/kg/day
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<b>PNEC</b>	- Fresh water, Marine water; 0.68 mg/l - Sediment (Freshwater), Sediment (Marinewater); 16.39 mg/kg - STP; 13.61 mg/l - Soil; 2.89 mg/kg
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### 1-METHOXY-2-PROPANOL (CAS: 107-98-2)

<b>DNEL</b>	Industry - Inhalation; Short term local effects: 553.5 mg/m <sup>3</sup> Industry - Dermal; Long term systemic effects: 50.6 mg/kg/day Industry - Inhalation; Long term systemic effects: 369 mg/m <sup>3</sup>
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<b>PNEC</b>	- Fresh water; 10 mg/l - Marine water; 1 mg/l - Intermittent release; 100 mg/l
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### n-BUTANOL (CAS: 71-36-3)

<b>DNEL</b>	Workers - ; : 310 mg/m <sup>3</sup>
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<b>PNEC</b>	- Fresh water; 0.082 mg/l - Marine water; 0.0082 mg/l - Intermittent release; 2.25 mg/l - STP; 2476 mg/l - Sediment (Freshwater); 0.178 mg/kg dw - Sediment (Marinewater); 0.0178 mg/kg dw - Soil; 0.015 mg/kg dw
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### XYLENE (CAS: 1330-20-7)

<b>DNEL</b>	Workers - Inhalation; Long term systemic effects: 77 mg/m <sup>3</sup> Workers - Inhalation; Short term systemic effects: 289 mg/m <sup>3</sup> Workers - Dermal; Long term systemic effects: 180 mg/kg/day
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<b>PNEC</b>	- Fresh water; 0.327 mg/l - Marine water; 0.327 mg/l - STP; 6.58 mg/l
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## 8.2. Exposure controls

### Protective equipment



### Appropriate engineering controls

Provide adequate general and local exhaust ventilation. Observe any occupational exposure limits for the product or ingredients. Use flameproof equipment and isolate all potential sources of ignition.

## FOSROC PRIMER 7E PART B

<b>Eye/face protection</b>	The following protection should be worn: Chemical splash goggles.
<b>Hand protection</b>	Butyl rubber. Polyvinyl alcohol (PVA). Nitrile rubber. Neoprene.
<b>Other skin and body protection</b>	Wear appropriate clothing to prevent any possibility of skin contact. Wear rubber apron. Wear rubber footwear.
<b>Hygiene measures</b>	Provide eyewash station and safety shower. Wash at the end of each work shift and before eating, smoking and using the toilet. Promptly remove any clothing that becomes wet or contaminated. Change work clothing daily before leaving workplace.
<b>Respiratory protection</b>	If ventilation is inadequate, suitable respiratory protection must be worn. Organic vapour filter.

### SECTION 9: Physical and Chemical Properties

#### 9.1. Information on basic physical and chemical properties

<b>Appearance</b>	Liquid.
<b>Colour</b>	White/off-white.
<b>Odour</b>	Characteristic.
<b>Odour threshold</b>	Not determined.
<b>pH</b>	Not applicable.
<b>Melting point</b>	Not determined.
<b>Initial boiling point and range</b>	>80°C @ 101 kPa
<b>Flash point</b>	4°C
<b>Evaporation rate</b>	Not determined.
<b>Flammability (solid, gas)</b>	Not applicable.
<b>Other flammability</b>	Not determined.
<b>Vapour density</b>	Not determined.
<b>Relative density</b>	0.9 @ 20°C
<b>Bulk density</b>	Not applicable.
<b>Solubility(ies)</b>	Slightly soluble in water.
<b>Partition coefficient</b>	Not determined.
<b>Oxidising properties</b>	Does not meet the criteria for classification as oxidising.

#### 9.2. Other information

<b>Volatile organic compound</b>	This product contains a maximum VOC content of 768 g/litre.
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### SECTION 10: Stability and reactivity

#### 10.1. Reactivity

<b>Reactivity</b>	There are no known reactivity hazards associated with this product.
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#### 10.2. Chemical stability

<b>Stability</b>	Stable at normal ambient temperatures and when used as recommended.
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#### 10.3. Possibility of hazardous reactions

<b>Possibility of hazardous reactions</b>	Will not polymerise.
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## FOSROC PRIMER 7E PART B

### 10.4. Conditions to avoid

**Conditions to avoid** Avoid heat, flames and other sources of ignition. Avoid excessive heat for prolonged periods of time.

### 10.5. Incompatible materials

**Materials to avoid** Strong oxidising agents. Chemically-active metals. Acids. Copper, aluminium, zinc. Organic peroxides/hydroperoxides. Inorganic peroxides.

### 10.6. Hazardous decomposition products

**Hazardous decomposition products** Carbon monoxide (CO). Carbon dioxide (CO<sub>2</sub>). Hydrocarbons. Nitric acid (HNO<sub>3</sub>). Nitrous gases (NO<sub>x</sub>). Ammonia. Aldehydes.

## SECTION 11: Toxicological information

### 11.1. Information on toxicological effects

#### Acute toxicity - oral

ATE oral (mg/kg) 9,489.49

#### Acute toxicity - dermal

ATE dermal (mg/kg) 13,213.21

#### Acute toxicity - inhalation

ATE inhalation (gases ppm) 54,054.05

ATE inhalation (vapours mg/l) 132.13

ATE inhalation (dusts/mists mg/l) 18.02

**General information** Contains a substance which may be potentially carcinogenic.

**Inhalation** May cause respiratory system irritation. Vapours may cause drowsiness and dizziness. Central nervous system depression.

**Ingestion** Gastrointestinal symptoms, including upset stomach. May cause nausea, headache, dizziness and intoxication. Narcotic effect.

**Skin contact** Irritating to skin.

**Eye contact** Irritating to eyes.

### XYLENE

#### Acute toxicity - dermal

ATE dermal (mg/kg) 1,100.0

#### Carcinogenicity

IARC carcinogenicity IARC Group 3 Not classifiable as to its carcinogenicity to humans.

### n-BUTANOL

#### Acute toxicity - oral

Acute toxicity oral (LD<sub>50</sub> mg/kg) 790.0

Species Rat

ATE oral (mg/kg) 790.0

## FOSROC PRIMER 7E PART B

### Acute toxicity - dermal

Acute toxicity dermal (LD<sub>50</sub>) 3,400.0  
mg/kg)

Species Rat

ATE dermal (mg/kg) 3,400.0

## SECTION 12: Ecological Information

**Ecotoxicity** There are no data on the ecotoxicity of this product.

### 12.1. Toxicity

**Toxicity** Not considered toxic to fish.

### XYLENE

**Toxicity** Not considered toxic to fish.

### 12.2. Persistence and degradability

**Persistence and degradability** There are no data on the degradability of this product.

### XYLENE

**Persistence and degradability** The product is biodegradable.

### 12.3. Bioaccumulative potential

**Bioaccumulative potential** Not expected to be bioaccumulative.

**Partition coefficient** Not determined.

### 12.4. Mobility in soil

**Mobility** The product contains substances which are insoluble in water and which may spread on water surfaces. The product contains organic solvents which will evaporate easily from all surfaces.

### XYLENE

**Mobility** The product is insoluble in water.

### 12.5. Results of PBT and vPvB assessment

**Results of PBT and vPvB assessment** This product does not contain any substances classified as PBT or vPvB.

### 12.6. Other adverse effects

**Other adverse effects** None known.

## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

**General information** This material and its container must be disposed of as hazardous waste. Dispose of waste to licensed waste disposal site in accordance with the requirements of the local Waste Disposal Authority. Do not puncture or incinerate, even when empty. Materials such as cleaning rags and paper wipes that are contaminated with flammable liquids may self-ignite after use and should be stored in designated fireproof containers with tight-fitting, self-closing lids.

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**Disposal methods** Dispose of waste to licensed waste disposal site in accordance with the requirements of the local Waste Disposal Authority.

### SECTION 14: Transport information

#### 14.1. UN number

UN No. (ADR/RID)	1866
UN No. (IMDG)	1866
UN No. (ICAO)	1866
UN No. (ADN)	1866

#### 14.2. UN proper shipping name

Proper shipping name (ADR/RID)	RESIN SOLUTION
Proper shipping name (IMDG)	RESIN SOLUTION
Proper shipping name (ICAO)	RESIN SOLUTION
Proper shipping name (ADN)	RESIN SOLUTION

#### 14.3. Transport hazard class(es)

ADR/RID class	3
ADR/RID classification code	F1
ADR/RID label	3
IMDG class	3
ICAO class/division	3
ADN class	3

#### Transport labels



#### 14.4. Packing group

ADR/RID packing group	II
IMDG packing group	II
ADN packing group	II
ICAO packing group	II

#### 14.5. Environmental hazards

Environmentally hazardous substance/marine pollutant  
No.

#### 14.6. Special precautions for user

EmS	F-E, S-E
ADR transport category	2
Emergency Action Code	•3YE

## FOSROC PRIMER 7E PART B

**Hazard Identification Number** 33  
(ADR/RID)

**Tunnel restriction code** (D/E)

### 14.7. Transport in bulk according to Annex II of MARPOL and the IBC Code

**Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code** Not applicable.

## SECTION 15: Regulatory information

### 15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

**National regulations** The Control of Substances Hazardous to Health Regulations 2002 (SI 2002 No. 2677) (as amended).

**EU legislation** Commission Regulation (EU) No 453/2010 of 20 May 2010.  
Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures (as amended).  
Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) (as amended).

**Guidance** Approved Classification and Labelling Guide (Sixth edition) L131.  
Workplace Exposure Limits EH40.

**Authorisations (Title VII Regulation 1907/2006)** No specific authorisations are known for this product.

**Restrictions (Title VIII Regulation 1907/2006)** No specific restrictions on use are known for this product.

### 15.2. Chemical safety assessment

No chemical safety assessment has been carried out.

## SECTION 16: Other information

**General information** Only trained personnel should use this material. For professional users only. If this product has been purchased for supply to a third party for use at work, it is the purchaser's duty to take all necessary steps to secure that any person handling or using the product is provided with the information in this sheet.

**Revision comments** NOTE: Lines within the margin indicate significant changes from the previous revision.

**Revision date** 04/04/2017

**Revision** 2a

**Risk phrases in full** R10 Flammable.  
R11 Highly flammable.  
R20/21 Harmful by inhalation and in contact with skin.  
R22 Harmful if swallowed.  
R36 Irritating to eyes.  
R37/38 Irritating to respiratory system and skin.  
R38 Irritating to skin.  
R41 Risk of serious damage to eyes.  
R66 Repeated exposure may cause skin dryness or cracking.  
R67 Vapours may cause drowsiness and dizziness.

## FOSROC PRIMER 7E PART B

<b>Hazard statements in full</b>	H225 Highly flammable liquid and vapour. H226 Flammable liquid and vapour. H302 Harmful if swallowed. H304 May be fatal if swallowed and enters airways. H312 Harmful in contact with skin. H315 Causes skin irritation. H318 Causes serious eye damage. H332 Harmful if inhaled. H335 May cause respiratory irritation. H336 May cause drowsiness or dizziness. H361d Suspected of damaging the unborn child. H373 May cause damage to organs (Lungs, Skin) through prolonged or repeated exposure. H373 May cause damage to organs through prolonged or repeated exposure.
<b>Supersedes date</b>	16/07/2015
<b>SDS number</b>	12735

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