



SAFETY DATA SHEET

1: IDENTIFICATION OF THE SUBSTANCE / PREPARATION AND OF THE COMPANY / UNDERTAKING

Product Name: **FOSROC PRIMER 4**

Application: Non-porous surface primer for sealants.

Company: **Fosroc Limited**

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2: COMPOSITION/INFORMATION ON INGREDIENTS

Composition: propan-2-ol, organofunctional silane.

Hazardous Ingredient(s)	Symbol	Risk Phrases	Other Information	%
propan-2-ol	F	R11	Cas No: 67-63-0	>50

All constituents of this product are listed in EINECS (European Inventory of Existing Commercial Chemical Substances) or ELINCS (European List of New Chemical Substances) or are exempt.

Refer to Section 8 for Occupational Exposure Limits.

3: HAZARDS IDENTIFICATION

Highly flammable



HIGHLY
FLAMMABLE

4: FIRST AID MEASURES

Eyes: Irrigate immediately with copious quantities of water for several minutes. Obtain medical attention if irritation persists.

Skin: Wash immediately with soap and water or suitable skin cleanser.

Inhalation: Remove from exposure, rest and keep warm and obtain medical attention urgently.

Ingestion: Do NOT induce vomiting. Obtain medical attention.

5: FIRE FIGHTING MEASURES

Suitable Extinguishing Media: Carbon dioxide, powder, foam or water fog - Do not use water jets.

Special Exposure Hazards: Toxic fumes. For further information see Section 10.

Special Protective Equipment: Self-contained breathing apparatus.

6: ACCIDENTAL RELEASE MEASURES

Personal Precautions: Immediately issue NO SMOKING and NO NAKED FLAMES warnings. Wear self contained breathing apparatus and protective clothing.

Environmental Precautions: Prevent entry into drains, sewers and water courses.

Decontamination Procedures: Soak up with inert absorbent or contain and remove by best available means. Dispose of as waste.

7: HANDLING AND STORAGE

Handling: Do not use near sources of ignition. Use only in well ventilated areas. Avoid breathing vapours. Avoid skin and eye contact.

Storage: Store in conformity with local fire regulations. Do not store at temperatures above 30°C.

8: EXPOSURE CONTROLS/PERSONAL PROTECTION

Occupational Exposure Limits:-

Substance	8 Hour TWA	STEL	Source/Other Information
propan-2-ol	999 mgm ⁻³	1250 mgm ⁻³	EH40

Engineering Control Measures: Use only in well ventilated areas. Use flameproof equipment and isolate all potential sources of ignition.

Personal Protective Equipment: In case of insufficient ventilation wear suitable respiratory equipment. Impervious gloves (eg nitrile or neoprene). Safety glasses.

9: PHYSICAL AND CHEMICAL PROPERTIES

Physical State:	Liquid.
Colour:	Colourless.
Odour:	Sweet.
pH(concentrate):	Not applicable.
pH(working dilution):	Not applicable (non-aqueous).
Boiling Point/Range (°C):	82°C
Melting Point/Range (°C):	Not applicable.
Flash Point (closed, °C):	14°C
Autoflammability (°C):	Autoignition temperature: 423°C
Explosive Properties (%):	Lower explosive limit (LEL): 2.0%. Upper explosive limit (UEL): 12.0%.
Oxidising Properties:	Not determined.
Vapour Pressure (kPa at 20°C):	4.76
Relative Density (at 20°C):	0.8
Water Solubility:	Miscible
Other data:	Evaporation rate (n-butyl acetate = 1): 1.5

10: STABILITY AND REACTIVITY

Stability:	Contains volatile solvent.
Conditions to Avoid:	Any source of ignition. Direct sunlight. Temperatures (°C) above 30.
Materials to Avoid:	Strong oxidising agents.
Hazardous Decomposition Products:	Thermal decomposition:- Oxides of carbon.

11: TOXICOLOGICAL INFORMATION

Health Effects

On Eyes:	Vapour may cause irritation.
On Skin:	Mildly irritating. May be absorbed through the skin. May defat the skin.
By Inhalation:	Mist and vapours may cause irritation to nose and respiratory tract.
By Ingestion:	May cause nausea, vomiting and diarrhoea. Aspiration of liquid during ingestion or from vomiting may cause severe chemical pneumonitis.
Chronic:	Repeated and prolonged skin contact may lead to skin disorders.

12: ECOLOGICAL INFORMATION

Environmental Assessment:	Contains volatile organic compounds. May cause significant ecological damage in aquatic systems and must be used and disposed of in accordance with the recommendations made in this safety data sheet.
Mobility:	Volatile. Mobile liquid. Miscible in water.

Persistence and Degradability: Not readily biodegradable, but is inherently biodegradable. Volatile organic compounds undergo photochemical degradation in the atmosphere.

Bioaccumulative Potential: Not expected to be bioaccumulative.

Ecotoxicity: Not expected to be ecotoxic to fish/daphnia/algae.

13: DISPOSAL CONSIDERATIONS

Disposal must be in accordance with local and national legislation.

Unused Product: Dispose of through an authorised waste contractor to a licensed site.

Used/Contaminated Product: Dispose of through an authorised waste contractor to a licensed site. May be incinerated. Do not empty into drains, sewers or water courses.

Packaging: Must be disposed of through an authorised waste contractor.
May be steam cleaned and recycled.
Contains volatile solvent, ventilate before steam cleaning (explosion risk).
Contains flammable residues, do not crush or incinerate.

14: TRANSPORT INFORMATION

UN Number: 1866

IMO: Class: 3.2 Packing Group: II Marine Pollutant: No

IATA/ICAO: Class: 3 Packing Group: II

ADR: Class: 3 Item: 5(b)

Transport Name: Resin Solution

Hazchem/Kemler Code: 3[Y] / 33

15: REGULATORY INFORMATION

Hazard Label Data:-

Named Ingredients: propan-2-ol

UN Number: 1866

Symbol(s): F

Risk Phrases: Highly flammable

Safety Phrases: Keep container tightly closed.
Keep away from sources of ignition - No smoking.
Avoid contact with skin and eyes.
Use only in well ventilated areas.

EC Directives: Dangerous Substances Directive, 67/548/EEC and adaptations.
Dangerous Preparations Directive, 88/379/EEC.
Safety Data Sheets Directive, 91/155/EEC.

Statutory Instruments: Health & Safety at Work, etc. Act 1974.
Chemicals (Hazard Information and Packaging for Supply) (Amendment) Regs. 1996 (SI 1092).
Control of Substances Hazardous to Health Regs. 1994 (SI 3246).
Highly Flammable Liquids & Liquefied Petroleum Gases Regs. 1972 (SI 917)

Codes of Practice: Operational Provisions of the Road Traffic (Carriage of Dangerous Substances in packages etc.) Regs. 1986 (COP 17).
Safety data sheets for substances and preparations dangerous for supply (L37).
Packaging of dangerous substances for carriage by road (L15).
Waste Management. The Duty of Care.

Guidance Notes: Occupational exposure limits (EH 40).
The storage of highly flammable liquids (CS 2).

The above publications are available from HMSO

16: OTHER INFORMATION

The data and advice given apply when the product is used for the stated application or applications. The product is not sold as suitable for any other application. Use of the product for applications other than as stated in this sheet may give rise to risks not mentioned in this sheet. The product should not be used other than for the stated application or applications without seeking advice from Fosroc Ltd.

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.

It is the responsibility and duty of the employer to inform employees and others who may be affected of any hazards described in this sheet and of any precautions which should be taken.

This sheet does not constitute or substitute for the users own assessment of workplace risk, as required by other health and safety legislation.

Further copies of this Safety Data Sheet may be obtained from Fosroc Limited.

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REVISION

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