



# SAFETY DATA SHEET

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

Product Name: **FLAMEX S**

Application: Joint sealant.

Company: **Fosroc Limited**

Address: Coleshill Road, Tamworth, Staffordshire. B78 3TL

Telephone: 01827 262222 (Out of Hours) 01827 265279 Fax: 01827 262444

## 2: COMPOSITION/INFORMATION ON INGREDIENTS

Composition: silicone elastomer, silicone oils, inorganic fillers, pigment.

This product contains ingredients classified as hazardous. However, they are NOT present in sufficient quantities to warrant classifying the product as hazardous.

| Hazardous Ingredient(s) | Symbol | Risk Phrases | Other Information | %  |
|-------------------------|--------|--------------|-------------------|----|
| methoxy-silane          | Xn     | R22          | Cas No: - - - -   | <2 |

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

No significant hazard.

## 4: FIRST AID MEASURES

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

**Skin:** Wash thoroughly with soap and water or suitable skin cleanser as soon as possible.

**Inhalation:** Remove from exposure. If feeling unwell obtain medical attention.

**Ingestion:** Wash out mouth with water. 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:** Irritant fumes. Formaldehyde.

**Special Protective Equipment:** Self-contained breathing apparatus.

## 6: ACCIDENTAL RELEASE MEASURES

**Personal Precautions:** Wear suitable protective clothing, gloves and eye/face protection.

**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. Gather into containers.

## 7: HANDLING AND STORAGE

**Handling:** Ensure adequate ventilation. Avoid breathing vapours. Avoid skin and eye contact. Do not eat, drink or smoke whilst using this product.

**Storage:** Store in cool, dry area. Store away from sources of ignition.

## 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

Occupational Exposure Limits:-

| Substance                      | 8 Hour TWA   | STEL    | Source/Other Information |
|--------------------------------|--|---------|--------------------------|
| methoxysilane                  | 200 ppm  | 250 ppm | Suppliers recommendation |
| Engineering Control Measures:  | Use only in well ventilated areas.   |         |                          |
| Personal Protective Equipment: | Avoid skin and eye contact. Avoid breathing vapours. Wear impervious gloves (eg of PVC), in case of repeated or prolonged contact. Safety glasses. |         |                          |

## 9: PHYSICAL AND CHEMICAL PROPERTIES

|                             |                        |
|-----------------------------|------------------------|
| Physical State:             | Paste.                 |
| Colour:                     | White                  |
| Odour:                      | Irritating (Irritant). |
| pH(concentrate):            | Not applicable.        |
| Boiling Point/Range (°C):   | Not applicable.        |
| Flash Point (closed, °C):   | >80                    |
| Autoflammability (°C):      | Not determined         |
| Explosive Properties (%):   | Not applicable.        |
| Oxidising Properties:       | Not applicable.        |
| Relative Density (at 20°C): | 1.45                   |
| Water Solubility:           | Insoluble.             |

## 10: STABILITY AND REACTIVITY

|                                   |  |
|-----------------------------------|--|
| Stability:                        | Stable.  |
| Conditions to Avoid:              | None known.  |
| Materials to Avoid:               | Strong oxidising agents.   |
| Hazardous Decomposition Products: | Cures in the presence of water or moisture, releasing small amounts of methanol.<br>Thermal decomposition:- Irritant fumes. Silicon oxides.<br>Formaldehyde. |

## 11: TOXICOLOGICAL INFORMATION

The following toxicological assessment is based on a knowledge of the toxicity of the product's components.  
Oral LD50, rat >3000 mg/kg.

### Health Effects

|                |  |
|----------------|--|
| On Eyes:       | May cause transient irritation. Vapours released during curing may cause eye irritation.   |
| On Skin:       | Unlikely to irritate on brief or occasional exposure.  |
| By Inhalation: | Irritating to respiratory system. Vapour evolved during curing may cause dizziness.  |
| By Ingestion:  | May cause irritation of mouth, throat and digestive tract. Ingestion of significant amounts may result in severe systemic effects. |
| Chronic:       | Repeated and prolonged skin contact may lead to skin disorders.  |

## 12: ECOLOGICAL INFORMATION

|                                |   |
|--------------------------------|---|
| Environmental Assessment:      | When used and disposed of as intended, no adverse environmental effects are foreseen. |
| Mobility:                      | Solid. Insoluble in water.  |
| Persistence and Degradability: | Not readily biodegradable.  |
| 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 in an approved manner. Do not empty into drains, sewers or water courses.

Used/Contaminated Product: As for Unused product.

Packaging: The method of disposal must be acceptable to the local authority.

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## 14: TRANSPORT INFORMATION

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This product is NOT classified as dangerous for transport.

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## 15: REGULATORY INFORMATION

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### Hazard Label Data:-

This product is NOT classified as dangerous for supply in the UK.

Safety Phrases: Keep out of reach of children.  
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: Chemicals (Hazard Information and Packaging for Supply) (Amendment) Regs. 1996 (SI 1092).  
Control of Substances Hazardous to Health Regs. 1994 (SI 3246).  
Environmental Protection (Duty of Care) Regs. 1991 (SI 2839).

Codes of Practice: Waste Management. The Duty of Care.

The above publications are available from HMSO

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## 16: OTHER INFORMATION

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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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