



# SAFETY DATA SHEET

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

Product Name: **PLASTISEAL**

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: synthetic rubber, bitumen, inorganic fillers, mineral oils, hydrocarbon solvent.

| Hazardous Ingredient(s) | Symbol | Risk Phrases    | Other Information  | %        |
|-------------------------|--------|-----------------|--------------------|----------|
| white spirit            | Xn     | R10, 65         | Cas No: 64742-88-7 | >2.5 <10 |
| bitumen                 |        | *see Section 11 | Cas No: 64742-93-4 | >10 <25  |

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

Long term skin contact may cause health problems.

## 4: FIRST AID MEASURES

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

**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 and give sips of cold water to soothe the affected parts. Obtain medical attention.

## 5: FIRE FIGHTING MEASURES

**Suitable Extinguishing Media:** Carbon dioxide, powder or foam.

**Special Exposure Hazards:** Toxic fumes. Sulphur compounds. Nitrogen compounds.

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

## 6: ACCIDENTAL RELEASE MEASURES

**Personal Precautions:** Wear suitable protective clothing, gloves and eye/face protection. Immediately issue NO SMOKING and NO NAKED FLAMES warnings.

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

**Decontamination Procedures:** Solid product : Gather into containers. Dispose of as waste.

## 7: HANDLING AND STORAGE

**Handling:** Do not use near sources of ignition. Ensure adequate ventilation. Avoid breathing vapours. Avoid skin and eye contact. Wash hands thoroughly after handling 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 |
|--------------|-----------------------|-----------------------|--------------------------|
| White spirit | 550 mgm <sup>-3</sup> | 720 mgm <sup>-3</sup> | EH 40                    |

Engineering Control Measures: Use only in well ventilated areas.

Personal Protective Equipment: Avoid skin and eye contact. Wear impervious gloves (eg of PVC), in case of repeated or prolonged contact. Safety glasses / Goggles. Change contaminated clothing and clean before re-use.

## 9: PHYSICAL AND CHEMICAL PROPERTIES

Physical State: Paste.

Colour: Black.

Odour: Typical.

pH(concentrate): Not applicable (non-aqueous).

Flash Point (closed, °C): 61

Autoflammability (°C): Autoignition temperature: >200

Explosive Properties (%): Not determined.

Oxidising Properties: Not applicable.

Vapour Pressure (kPa at 20°C): ~0.1

Relative Density (at 20°C): 1.50

Water Solubility: Insoluble

Other data: Evaporation rate (n-butyl acetate = 1): 0.04

## 10: STABILITY AND REACTIVITY

Stability: Stable.

Conditions to Avoid: Any source of ignition.

Materials to Avoid: None known.

Hazardous Decomposition Products: Thermal decomposition:- Oxides of carbon. Sulphur compounds. Nitrogen compounds.

## 11: TOXICOLOGICAL INFORMATION

The following toxicological assessment is based on a knowledge of the toxicity of the product's components. Expected oral LD50, rat > 2g/kg.

### Health Effects

On Eyes: May cause transient irritation.

On Skin: Unlikely to irritate on brief or occasional exposure.

By Inhalation: Low volatility makes inhalation unlikely at ambient temperatures.

By Ingestion: Low order of acute toxicity. May cause nausea, vomiting and diarrhoea.

Chronic: Bitumen presents no known chronic health hazards at ambient temperature. However, when mixed with diluents it is believed that the product becomes bioavailable.

## 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 known.

Ecotoxicity: 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: 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: 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).

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

Guidance Notes: Occupational skin diseases: health and safety precautions (EH 26).

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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### REVISION

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Sections updated/revise - no(s): 1 . 8.