

**MATERIAL SAFETY DATA SHEET**

according to EU Directive 93/112/EC

**ROOF AND GUTTER SEALANT**

Version: 2

Print date: 24.5.04

**1. Identification of Substance/Preparation and Company**

Product Name	Roof and Gutter sealant
Company	Biokil Crown Ltd 7 Stadium Ind Park, Long Eaton Nottingham, NG10 2DD
Telephone	0115 946 0060
Fax	0115 946 9767
Emergency Telephone	07967 10 71 95

**2. Composition/information on ingredients**

Homogeneous mixture of mineral filler, synthetic rubber, inert liquid polymer, white spirit.

**Hazardous Ingredients:**

Name:	CAS no.	EC no.	Conc.(weight-%)	Classification & Risk phrases
White Spirit	64742-48-9	265-150-3	approx. 3-5%	Xn, R10, R65

**3. Hazard identification**

Solvents may be absorbed through the skin.

Prolonged and repeated contact may cause drying of the skin and possibly dermatitis.

**4. First aid measures**

Eye contact:	Wash eyes thoroughly with cold water. If irritation persists seek medical attention.
Mouth (Ingestion):	If confined to the mouth, do not swallow; wash out mouth with water. If swallowed, drink water, seek medical advice, showing the container/label/safety data sheet. Do not induce vomiting.
Skin contact:	Remove contamination and wash affected area thoroughly with soap and water.
Inhalation:	Move affected person away from contaminated area and into the fresh air. If symptoms persist, seek medical advice.
Medical Treatment:	Give symptomatic treatment.

**5. Fire fighting measures**

Suitable extinguishing media:	Carbon Dioxide, foam, dry power or fine water spray. Water can be used to cool fire-exposed containers.
Unsuitable extinguishing media:	Non known.
Special protective equipment/procedures:	A self-contained respirator and protective clothing should be worn. Keep containers cool with water spray until well after fire is out. Determine the need to evacuate or isolate the area according to your local emergency plan.

**6. Accidental release measures**

Personal precautions:	Wear proper protective equipment.
Environmental precautions:	Do not allow large quantities to enter drains or surface waters.
Clean-up procedures:	Scrape up and place in a container fitted with a lid. The spilled product produces and extremely slippery surface.

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**7. Handling and storage**

Advice on Safe Handling: General ventilation is recommended. Avoid skin and eye contact. Do not breathe vapour.

Advice on storage: Store in cool, dry, conditions below 25°C and away from direct sunlight or heat sources.

Unsuitable packaging materials: Non known.

**8. Exposure controls and personal protection**

Exposure controls for hazardous components:

Name	CAS No	Exposure Limits
White Spirit	64742-48-9	Suppliers recommendation: 1000 mg/m <sup>3</sup> for an 8 hour TWA reference period

Personal Protection Equipment:

Respiratory protection: Not necessary when used in a well-ventilated area. If needed, use an air purifying respirator conforming to Type A (EN141). Check with protective equipment manufacturers.

Skin Protection: Chemical protective gloves should be worn where repeated or prolonged contact can occur.

Eye Protection: Safety glasses should be used.

Hygiene measures: Exercise good industrial hygiene practice. Wash after handling, especially before eating, drinking or smoking.

Additional Information: Non known.

**9. Physical and chemical properties**

Appearance: Soft paste with a solvent odour.

Colour: Black.

Flash point: +78°C.

Solubility: Insoluble in water, some components soluble in organic liquids.

Volatile content: approx. 6-8%

Density: 1.6 g/cm<sup>3</sup>

**10. Stability and reactivity**

Stability: Stable at room temperature sealed in original containers.

Hazardous decomposition products: During combustion Carbon Monoxide and Carbon dioxide will be generated.

Conditions to avoid: Heat sources, sources of ignition, direct sunlight etc.

Materials to avoid: Non known.

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### 11. Toxicological information

On contact with eye:	May cause smarting and irritation.
On skin contact:	Prolonged contact may defat and dry skin leading to possible irritation and dermatitis.
If inhaled:	Not applicable
On ingestion:	May cause irritation of the mouth, throat and digestive system and eventual vomiting.
Other health hazard information:	Not known.

### 12. Ecological information

Environmental fate and distribution:	Contains biodegradable and non-biodegradable components.
Ecotoxicity effects:	Low aquatic and terrestrial ecotoxicity. Product should not be allowed into drains or watercourses.

### 13. Disposal considerations

Product disposal:	Product should be disposed of as solid waste by incineration or landfill via a licensed waste disposal contractor. DO NOT empty product into drains.
Packaging disposal:	Packaging should be disposed of as solid waster by incineration or landfill via a licensed waste disposal contractor.

### 14. Transport information

Road/Rail (ADR/RID)	Not subject to ADR/RID
Sea transport (IMDG)	Not subject to IMDG code
Air transport (ICAO)	Not subject to ICAO regulations

### 15. Regulatory information

Classification as required by The Chemicals (Hazard & Information & Packaging for Supply) CHIP Regulations

Labelling according to EEC directive:

Nature Of Hazard:	No specific regulatory or labelling requirements
Hazard symbols:	No specific regulatory or labelling requirements
R Phrases:	No specific regulatory or labelling requirements
S Phrases:	No specific regulatory or labelling requirements
EINICS:	All ingredients listed or exempt.

### 16. Other information

This product should only be used as stated in Siroflex Ltd literature.  
This document contains important information to ensure the safe storage, handling and use of this product.  
This information should be brought to the attention of those in your organisation handling and using it.  
This document is accurate to the best knowledge of Siroflex Ltd who should be consulted for further information if needed.  
All sections of this Safety Data Sheet have been amended since the previous version.  
This product safety data sheet conforms to EC Directive 91/155/EEC as well as its amendments.  
This data is offered in good faith as typical values and not as a product specification. No warranty either expressed or implied, is hereby made.  
The recommended industrial hygiene and safe handling procedures are believed to be generally applicable, each user should review the recommendations in the specific context of the intended use and determine whether they are appropriate.