

MATERIAL SAFETY DATA SHEET

according to EU Directive 93/112/EC

BLACK BITUMINOUS PAINT

Version: 2

Print date: 26.10.04

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

Product Name Black Bituminous Paint
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

A solvent-based bituminous water-proofing paint

CAS No	Chemical name	weight %	Symbol & R-phrases
64475-85-0	white spirit	>40	F R10
64742-93-4	bitumen		R40

3. Hazard identification

Contains solvent which causes defatting of the skin and, in extreme cases, dermatitis.
Possible risk of irreversible effects. Flammable

4. First aid measures

Inhalation: Remove to fresh air. If discomfort persists seek medical advice.
Skin contact: Remove contamination with proprietary skin cleaner, followed
 prior to
 Eating, drinking, smoking and toilet functions.
Eye contact: Irrigate immediately with clean water for 15 minutes and obtain
 medical attention.
Ingestion: If swallowed, seek medical advice immediately. Do not induce
 vomiting.

5. Fire fighting measures

Suitable extinguish media: Dry powder, CO₂, foam, sand, earth.
Unsuitable extinguishing media: Never use water jet
Special exposure hazards in fires: None known
Required special protective
Equipment for fire fighters: Wear suitable protective clothing.

6. Accidental release measures

Precautions: Steam flow of spilled material. Extinguish all naked flames
 And cigarettes. Material should be mopped up immediately
 with an inert absorbent material such as sand and drains.
 Dispose of at an appropriate licensed waste disposal site in
 Accordance with current laws and regulations.

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**7. Handling and storage**

Handling: Ensure adequate ventilation.
Storage: Should be stored under cover out of direct sunlight and away from sources of ignition.

8. Exposure controls and personal protection

UK Occupational exposure standards EH40 for white spirit: 100ppm (575mg/m³) 8HR TWA
Respiratory protection: Should not be necessary with adequate ventilation. In poorly ventilated areas, a cartridge mask approved for organic vapours is recommended.

Hand protection: Wear suitable impervious gloves.

Eye protection: Appropriate chemical resistant goggles

9. Physical and chemical properties

Appearance: Black liquid
Flammability: Flammable
Odour: Petroleum solvent
Autoflammability; Approx. 230° C
pH: Not applicable
Explosive properties: UEL 8% Vol. LEL0.9% Vol.
Boiling point
/ boiling point range: Not determined
Vapour pressure: 0.44 kPa
Relative density: 0.95 ± 0.02
Melting point range: Not applicable
Solubility (water and fat): Insoluble in water
Flash point (°C), closed cup: 40° C

10. Stability and reactivity

Stable under normal conditions. Avoid excessive heat.

Hazardous decomposition products: CO, CO₂, H₂S, oxides of nitrogen and sulphur.

11. Toxicological information

Short-term skin exposure may lead to dermatitis. Long term skin exposure may cause irreversible effects.

12. Ecological information

The preparation has not been tested but the slow rates of bio degradation of bitumen can cause interference with the normal functioning of ecological cycles. Bitumen should therefore be contained and spills avoided.

13. Disposal considerations

Disposal of material should be by incineration in accordance with local regulations.
Packaging should be similarly disposed of.

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**14. Transport information**

UN No: 1263
Description: Paint
Class: 3
Item No: 3.32°(C)
Symbol: "Flammable liquid" diamond
Packing Group: III
Emergency Action Code: 3(Y)

15. Regulatory information

EEC Symbol Xn Harmful Contains Bitumen solvent blend

R10 Flammable
R20, 21, 22 Harmful by inhalation, in contact with skin, by ingestion
R40 Possible risk of irreversible effects
R52 Harmful to aquatic organisms

S2 Keep out of reach of children
S16 Keep away from sources of ignition – no smoking
S7, 9 Keep container tightly closed in a well-ventilated place
S36/37/39 Wear suitable protective clothing, gloves and eye/face protection.
S38 In case insufficient ventilation, wear suitable respiratory equipment.
S43 In case of fire use dry powder, foam or CO₂. NEVER water

16. Other information

The data contained in this Safety Data Sheet has been supplied as required by the Chemical (Hazard Identification and Packaging) Regulations 1993, as amended, for the purpose of protecting health and safety of industrial and commercial users who are deemed capable of understanding and acting on the information provided. **Please ensure that it is passed to the appropriate person(s) in your company, who are capable of acting on the information.**