

MATERIAL SAFETY DATA SHEET

According to EU Directive 93/112/EC

WOODFILLER

Version: 2

Print date: 25.1.05

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

Product Name	Woodfiller
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

These products are considered to be as a preparation in conformance to EC directive.

Products Description: smooth unctuous paste

Composition/information on ingredients

Number:	%W/W:	CAS Number:	Chemical Name:
1	12.5-16.0	100-42-5	Styrene
Number:	EEC number:	Symbols:	Risk Phrases:
1	601-026-00-0	Xn	R10, R20, R36 & R38

Other Information Balance: None hazardous ingredients

3. Hazards identification

Specific hazards:	Harmful (Xn)
Physical and chemical hazards:	Flammable (R10)

4. First aid measures

Inhalation:	Remove to fresh air, keep patient warm and at rest. If breathing is irregular or stopped administer respiration. Give nothing by mouth. If unconscious place in recovery position. Seek medical advice.
Skin contact:	Wash thoroughly with soap and water. If symptoms persist seek medical advice. May cause sensitization by skin contact.
Eye Contact:	Irrigate copiously with clean, fresh water for at least 15 minutes, holding eyelids apart. Seek medical advice-irritating to eyes.
Ingestion:	if accidentally swallowed. Do not induce vomiting. Keep at rest and seek medical advice.

5. Fire fighting measures

Extinguisher media suitable:	Carbon Dioxide, foam and dry powder.
Not suitable:	Water.
Protection of fire fighters:	Wear individual breathing apparatus.

6. Accidental release measures

Personal precautions:	Wear Personal Protective Equipment (PPE) e.g. gloves.
Environmental precautions:	Do not discharge into sewers.
Methods of cleaning up	
Recovery	Contain and collect any liquid spillage with non-combustible absorbent materials, e.g. sand, earth vermiculite or diatomaceous earth, and, and place in a suitable
Disposal	container for disposal according to local regulations. Dispose of by using an authorized collection agent and ensure waste material is taken to an authorized disposal station.

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**7. Handling and storage**

Handling:

Prevention of worker exposure: Ensure efficient ventilation when using this product. Eating, drinking or smoking should be prohibited in the work area.

Prevention of fire and exposure: Close containers after use.

Storage: Stable under normal conditions.

Store in a cool, well ventilated place away from direct sunlight and all sources of ignition. Keep container away from oxidizing materials.

8. Exposure controls / personal protection

Occupational Exposure limits (TLV-TWA, TLV-STEL)

Product Name: Styrene

8 Hours (VME)

10 min – short period (VLE): According to: UK

ppm

ppm

100 mg/m³250mg/m³

Personal Protective Equipment:

Respiratory Protective Equipment: Avoid the inhalation of vapours and particulate. Where reasonably practicable this should be achieved by local exhaust ventilation. In case of insufficient ventilation during application/preparation wear suitable respiratory equipment. When sanding wear dust mask.

Hand protection: Wear solvent resistant gloves handling uncured material

Eye protection: Wear eye/face protection.

Skin & Body Protection: Wear appropriate protective clothing – launder clothes before re-use.

9. Physical and chemical properties

Appearance:	Physical state:	paste
	Colour:	paste cream, grey, khaki
	Odour:	Aromatic
Specific temperatures	Boiling point range:	>145 °C
Risk of Fire or Explosion	Flash Point:	31 °C
	Auto-ignition temperature:	>380 °C
	Explosive or flammable limits	Lower: 1.1
	In air:	Upper: 6.1
Vapour Pressure	6.52mb (652 N/M ²) at 20 °C (Styrene)	
Relative Density (Water)	1.7-1.8	
Solubility	In water:	Insoluble
	In organic solvents:	Soluble in aromatic solvents Soluble in aliphatic solvents
Viscosity	Approx. 1,000,000 centi-poise	

10. Stability and reactivity

Stability: Stable under normal conditions.

Conditions to avoid: Heat and light.

Hazardous reactions with: Strong oxidizing agents, peroxides.

11. Toxicological information

Acute toxicity	LD50: An oral LD50 of 5g/kg has been reported for styrene. LC50: Values in rats ranging between 2770-6000ppm are reported for styrene.
Skin irritation	May cause skin irritation on prolonged contact.
Eye irritation	Irritating to eyes.
Inhalation	Harmful by inhalation
Carcinogenicity	No evidence to suggest that styrene is carcinogenic to humans.

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**12. Ecological information**

Persistence/degradability	COD/thOD at days	5	10	15	20
	Freshwater	65	65	78	87
	Salt water	8	12	21	80
Aquatic Toxicity	Marine Hazard				
Possible Environmental Impact/ecotoxicity	Harmful to aquatic organisms. Do not discharge into drains or the environment. Dispose to an unauthorized waste collection station via a licensed contractor.				

13. Disposal considerations

Waste material and containers must be treated as a fire hazard and disposed of in accordance with the general requirements of the control of pollution Act 1974, the special waste regulations 1996 and the environmental Protection Act 1990. Due regard should be given to the "Duty of Care" required under the regulations and the guidance given under this act.

14. Transport information

Sea (IMDG)	
Proper shipping name:	Paint related material.
IMDG code:	3372
UN number:	1263
Class:	3.3
Packing group:	III
Marine pollutant (p or pp):	P
Land (RID/ADR):	
Transport Name:	Paint related material.
RID/ADR class:	3.3
Trem – card number:	CEFIC TEC(R) – 30G36
UN number:	1263
AIR (ICAO/IATA):	
UN number:	1263
Proper shipping name:	Paint related material.
Class:	3.3
Packing group:	III

15. Regulatory information

Product Description:	Polyester filler paste.
Labelling according to EC directives	
EEC-number:	N/A
Symbol(s):	Xn Harmful
Risk phrase(s):	R10-Flammable R20-Harmful by inhalation R36/38 Irritating to the eyes
Safety phrase(s):	S1/2-Keep locked up and out of reach of children. S16-Keep away from sources of ignition. S23-Do not breath vapour S46-If swallowed seek medical advice immediately S51-Use only in well ventilated area.

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**16. Other Information**

The main hazard likely to be encountered during refinishing operations is the production of airborne dust which should be regarded as a potential danger to health. The main hazard likely to be encountered when mixing fillers is vapour which should also be regarded as a potential risk to health. References should be made to the following HSE publications: EH40, EH42 and EH44.

This data sheet has been prepared in accordance with the requirements of EC Directives 93/112/EC and The Chemical (Hazard information and Packaging For supply) Regulations 1994.

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