

MATERIAL SAFETY DATA SHEET

according to EU Directive 93/112/EC

LEAD SHEET SEALANT

Version: 2

Print date: 24.5.04

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

Product Name Lead Sheet Sealant
Company Biokil Crown Ltd
 7 Stadium Ind Park, Long Eaton
 Nottingham, NG10 2DD
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2. Composition / Information on ingredients

Blend of polydimethyl siloxane with calcium carbonate, silica and cross linking agents

INGREDIENT	CAS NUMBER	WT (%)	CLASS	RISK PHRASES
Tetrakis(2-Methoxyethyle) orthosilicate	2157-45-1	3%	Xi	R36/38
N-[3-(Trimethoxysilyl)Propyl] Ethylenediamine	1760-24-3	1.5%	Xi	R41/43

3. Hazards identification

Liberates 2.8%w/w max of 2-Methoxyethanol (CAS: 109-86-4; EEC: T - R60/61-20/21/22) during use. Slightly irritating to eyes, respiratory system and skin. May impair fertility and cause damage to the unborn child.

4. First aid measures

CONTACT WITH SKIN: Use resin removing cream or wash off with soap and water. Seek medical attention if irritation persists.

CONTACT WITH EYES: Irrigate eyes thoroughly for 10-15 mins with clean water. Seek medical attention.

INGESTION: Seek immediate medical attention. Do not induce vomiting. Wash out mouth with water.

INHALATION: Remove patient to fresh air. Keep warm and at rest. Seek medical advice.

5. Fire fighting measures

In case of fire, use foam, water spray or dry chemical extinguishers. Avoid excessive amounts of water. Releases hazardous dust and flammable gases on combustion. Wear self contained breathing apparatus in fire.

6. Accidental release measures

Provide good ventilation. Absorb spillage in suitable inert material. Sweep or shovel -up spillage and remove to a safe container. Wear impervious gloves, goggles and overalls when cleaning up the spillage. Do not allow to enter watercourses. Dispose of according to local regulations.

7. Handling and storage

Use in well ventilated areas
Do not store product in direct sunlight. Keep in a cool place. Max storage temperature: 30°C

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**8. Exposure controls / personal protection**

PARAMETERS:	TLV (TWA): 5ppm = 16mg/m ³ (for 2-Methoxyethanol). TLV (TWA): 200ppm = 262mg/m ³ (for Methanol).
RESPIRATORY:	Adequate respiratory protection must be worn where there is insufficient ventilation.
HANDS:	Nitrile gloves. Avoid long term contact with skin.
EYES:	Glasses to BS2092 or equivalent if there is a risk of splashing.
HYGIENE:	Do not inhale vapours. Avoid contact with skin and eyes. Wash at end of each shift and before eating, smoking or using the toilet. Wash promptly before skin becomes contaminated. Promptly remove any clothing that becomes contaminated. No eating or drinking whilst working with this material.

9. Physical and chemical properties

APPEARANCE:	Coloured paste	VOLATILE CONTENT:	<5%
COLOUR:	Various	VAPOUR PRESSURE:	15hPa at 20°C.
ODOUR:	nil/slight amine	IGN TEMPERATURE::	460°C.
MELTING POINT:	Not appl.	DENSITY:	1.24 g/cm ³
FLASHPOINT:	150°C	pH:	Not det.
SOLUBILITY:	insoluble in water.	VISCOSITY:	2000-8000 cps at 25`C

10. Stability and reactivity

STABILITY:	Stable at recommended storage temperatures and conditions. Decomposes above 200°C
COND. TO AVOID:	Extremes of temperature./high humidity in storage.
HAZARDOUS DECOMPOSITION PRODUCTS:	2-Methoxyethanol: 2.8% w/w and methanol 0.65% w/w potentially released on curing.

11. Toxicological information

Inhalation:	Possible irritant effect
Ingestion:	Possible irritant effect
Skin contact:	Possible irritant effect
Eye contact:	Possible irritant effect
Specific Effects:	During use, this product releases a substance which is classified as toxic for reproduction - Catagory 2. (2-Methoxyethanol)

12. Ecological information


Not readily biodegradable. Not bioaccumulable. Do not allow to enter watercourses.

13. Disposal considerations

Disposal should be in accordance with local or national legislation. Do not allow to enter sewers/ground water.

14. Transport information

Not classified as "Hazardous for Transport".

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15. Regulatory information

Not classified as hazardous to Health under current C.H.I.P Regs or EEC Directives

SYMBOL: Not Required.

RISK PHRASES: Non Required.

SAFETY PHRASES: Non Required.

16. Other Information

USER NOTES: The product must be used according to the manufacturers instructions.

INFORMATION SOURCES: CHIP Approved Supply List
Occupational Exposure Limits (EH40)
Suppliers own literature.