



Safety Data Sheet

According to NOHSC:2011(2003)

Version: 1.0
Revised: 06 Nov 2006

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MSDS No: 522

CLASSIFIED AS HAZARDOUS ACCORDING TO NOHSC CRITERIA

1. Identification of the substance/preparation and company

Product:

Sikaflex[®] Firerate PU

Recommended use:

One Component Polyurethane Sealant

Manufacturer/supplier information:

| | |
|--------------------------|-------------------------|
| Manufacturer/supplier: | Sika Australia Pty Ltd |
| Street/postbox: | 55 Elizabeth Street |
| Town/city and Post Code: | WETHERILL PARK NSW 2164 |
| Country: | AUSTRALIA |
| Phone: | (02) 9725 1145 |
| Fax: | (02) 9725 3330 |
| General information | Operations Manager |

Emergency information phone: 1800 033 111

2. Composition/information on ingredients

Chemical characterization:

Moisture cured Polyurethane Sealant

Hazardous ingredients:

| Ingredient | CAS No | Concentration |
|------------------------|----------|---------------|
| Butyl benzyl phthalate | 85-68-7 | |
| Toluene | 108-88-3 | 1-10% |

3. Hazard identification

Hazard Category:

Xi Irritant

Risk Phrase(s):

R36/38: Irritating to eyes and skin.
R43: May cause sensitisation by skin contact.

Safety Phrase(s):

S24/25: Avoid contact with skin and eyes.
S36/37/39: Wear suitable protective clothing, gloves and eye/face protection.

4. First-aid measures

Inhalation:

Move victim to fresh air. If breathing has stopped give artificial respiration. Seek medical attention.

Skin contact:

If skin or hair contact occurs, remove contaminated clothing and wash with soap and water for 15 minutes. If irritation persists seek medical attention.

Eye contact:

If in eyes, hold eyelids apart and flush the eyes continuously with warm water for 15 minutes and seek medical attention.

Ingestion:

If poisoning occurs, contact a doctor or Poisons Information Centre (Phone Australia 131 126, New Zealand 0800 764 766). Rinse mouth with water. If swallowed, do NOT induce vomiting.



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Notes to physician:
Treat symptomatically.

5. Fire-fighting measures

Specific hazards:

Overheated, closed containers adjacent to fire can cause the material inside to decompose resulting in pressure build up and possible explosion.

Special protective precautions and equipment:

On burning may emit toxic fumes. Fire fighters to wear self-contained breathing apparatus and suitable protective clothing. Irritating or toxic gases may be present during a fire.

Suitable extinguishing media:

If material is involved in a fire use carbon dioxide, dry chemical, foam and water spray.

6. Accidental release measures

Spills:

Eliminate all ignition sources. Ventilate the area. Wear protective equipment to prevent skin and eye contamination. Clean the material with mineral spirits or a mixture of toluene/alcohol if in uncured state (wet and pliable).

7. Handling and storage

Handling:

Avoid skin and eye contact.

Storage:

Store in a , dry, well-ventilated place and out of direct moisture. Store away from incompatible materials described in Section 10. Keep containers closed when not in use - check regularly for leaks.

8. Exposure controls/personal protection

National occupational exposure limits:

No value assigned for this specific material by the NOHSC Australia.

However for:

| | TWA | | STEL | | CARCINOGEN | NOTICES |
|---------|-------|-----|-------|-----|------------|---------|
| ppm | mg/m3 | ppm | mg/m3 | ppm | CATEGORY | |
| Toluene | 50 | 191 | 150 | 574 | - | |

As published by the NOHSC Australia.

Biological Limit Values:

As per the "National Model Regulations for the Control of Workplace Hazardous Substances [NOHSC: 1005 (1994)]" the ingredients in this material do not have a Biological Limit Allocated.

Engineering measures:

Ensure ventilation is adequate to maintain air concentrations below Exposure Standards. Natural ventilation should be adequate under normal use conditions.

Personal protection equipment:

OVERALLS, SAFETY SHOES, CHEMICAL GOGGLES, GLOVES.

Wear overalls, chemical goggles and impervious gloves. Due to variations in glove construction and local conditions, the user should make an assessment of the appropriate gloves to use. Wash hands before smoking, eating, drinking or using the toilet. Wash contaminated clothing and other protective equipment before storing or re-using. If risk of inhalation of exists, wear organic vapour/particulate respirator meeting the requirements of AS/NZS 1715 and AS/NZS 1716.



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9. Physical and chemical properties

Appearance:

Physical state: Paste
Colour: Grey
Odour: Slight aromatic odour

Data relevant to safety:

Solubility: Insoluble in water.
Specific Gravity (20 °C): 1.56
Vapour Pressure (20 °C): N App
Flash Point (°C): 43
Flammability Limits (%): N App
Autoignition Temperature (°C): N Av
Melting Point/Range (°C): N App
Non Volatiles 96.5%
Volatile Organic Content 55g/Lit.

(Typical values only - consult specification sheet)

N Av = Not available

N App = Not applicable

11. Toxicological information

No adverse health effects expected if the product is handled in accordance with this Safety Data Sheet and the product label. Symptoms or effects that may arise if the product is mishandled and overexposure occurs are:

Acute Effects:

Inhalation: Material may be irritant to mucous membranes and respiratory tract.

Skin contact: Contact with skin will result in irritation, redness and burning.

Eye contact: An eye irritant.

Ingestion:

Swallowing can result in nausea, vomiting and irritation of the gastrointestinal tract.

Long Term Effects:

No information available for product.

Acute toxicity / Chronic toxicity:

No LD50 data available for the product.

12. Ecological information

Avoid contaminating waterways.

Ecotoxicity:

No information available.

Persistence and degradability:

No information available.

Mobility:

No information available.

13. Disposal considerations

Refer to State/Territory Land Waste Management Authority.



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14. Transport information

ADG/ADR/RID

Not classified as Dangerous Goods by the criteria of the ADG Code.

IMDG

Not classified as Dangerous Goods by the criteria of the IMDG Code for transport by sea.

IATA

Not classified as Dangerous Goods by the criteria of the IATA Dangerous Goods Regulations for transport by air.

15. Regulatory information

Poisons Schedule (Aust):

Not scheduled.

16. Other information

Reason(s) For Issue: Revised 06-Nov-06

Material Safety Data Sheets are updated frequently. Please ensure that you have a current copy. MSDS may be obtained from the following website: www.sika.com.au

The information contained in this Safety Data Sheet corresponds to our level of knowledge at the time of publication. All warranties are excluded. Our most current General Sales Conditions shall apply. Please consult the Technical Data Sheet prior to any use and processing.