



Safety Data Sheet

According to NOHSC:2011(2003)

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Version: 1.0

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Revised: 11-Sep- 2006

MSDS No: 278

CLASSIFIED AS HAZARDOUS ACCORDING TO NOHSC CRITERIA

1. Identification of the substance/preparation and company

Product:

Sikabond

Recommended use:

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:

Filled SBS Polymer

Hazardous ingredients:

Ingredient

CAS No

Concentration

Heptane

142-82-5

30-60%

Toluene

108-88-3

<10%

Methylated Spirits

64-17-5

<10%

Kaolin

1332-58-7

30-60%

Aromatic Hydrocarbon Resin

Not available

10-30%

SBS Thermoplastic Rubber

Not available

10-30%

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3. Hazard identification

Hazard Category:

F - Flammable

Xn - Harmful

Risk Phrase(s):

R11 Highly Flammable

R38 Irritating to skin

R65 Harmful; May cause lung damage if swallowed

R67 Vapours may cause drowsiness and dizziness

Safety Phrase(s):

S2 Keep out of reach of children

S16 Keep away from sources of ignition

S29 Do not empty into drains

4. First-aid measures

Inhalation:

Remove victim from exposure - avoid becoming a casualty. Remove contaminated clothing and loosen remaining clothing. Allow patient to assume most comfortable position and keep warm. Keep at rest until fully recovered. Seek medical advice if effects persist.



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Skin contact:

If skin or hair contact occurs, remove contaminated clothing and flush skin and hair with running water. Consult a doctor if skin irritation persists.

Eye contact:

If in eyes wash out immediately with water. In all cases of eye contamination it is a sensible precaution to seek medical advice.

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. Give plenty of water to drink. Never give anything by the mouth to an unconscious patient. If vomiting occurs, ensure that the victims head is lower than the hips to prevent vomitus entering lungs. Seek medical advice.

Notes to physician:

Treat symptomatically.

5. Fire-fighting measures

Specific hazards:

Combustible material. Incomplete combustion can yield low molecular weight hydrocarbons, oxides of carbon, oxides of nitrogen, silicone dioxide, formaldehyde and other hazardous products of combustion.

Special protective precautions and equipment:

Combustible. On burning may emit toxic fumes. Fire fighters to wear self-contained breathing apparatus and suitable protective clothing if risk of exposure to vapour or products of combustion.

Suitable extinguishing media:

Water spray, foam, dry chemical, carbon dioxide

6. Accidental release measures

Small Spills:

Wear protective equipment to prevent skin and eye contamination. Avoid inhalation of vapours. Wipe up with absorbents. Collect and seal in properly labelled containers or drums for disposal.

Large spills:

Avoid accidents, clean up immediately. Wear protective equipment to prevent skin and eye contamination and the inhalation of vapours. Work up wind or increase ventilation. Contain - prevent run off into drains and waterways. Use absorbent (soil, sand or other inert material). Collect and seal in properly labelled containers or drums for disposal. Evaporation of volatile substances can lead to the displacement of air creating an environment that can cause asphyxiation. If contamination of sewers or waterways has occurred advise local emergency services.

7. Handling and storage

Handling:

Avoid eye contact and repeated or prolonged skin contact.

Storage:

Store in a cool, dry, well-ventilated area away from sources of heat and ignition. Protect from frost, heat, direct sunlight, and moisture. Keep containers closed when not in use - check regularly for leaks.



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8. Exposure controls/personal protection

National occupational exposure limits:

Exposure Standards [NOSCH: 1008 (2004)] :

	TWA
Heptane	400 ppm
Kaolin	10mg/m ³

Biological Limits:

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:

Local ventilation preferred. Provide ventilation to control exposure levels below airborne exposure limits.

Personal protection equipment:

OVERALLS, SAFETY SHOES, SAFETY GLASSES, GLOVES.

Wear overalls, safety glasses 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.

Flammability:

Classified as class 3 (highly flammable) liquid. All potential sources of ignition, (open flames, pilot lights, welding equipment, spark producing switches and electrical equipment etc.) must be eliminated both in and near the work area. DO NOT SMOKE.

9. Physical and chemical properties

Appearance:

Physical state:	paste
Colour:	beige

Data relevant to safety:

Solubility:	insoluble in water
Specific Gravity (20 °C):	approx 1.07
Relative Vapour Density (air=1):	N Av
Vapour Pressure (20 °C):	16.6 kPa @ 15 °C (heptane)
Flash Point (°C):	< 12 °C (heptane)
Flammability Limits (%):	N Established
Autoignition Temperature (°C):	N App
Melting Point/Range (°C):	N Established
Boiling Point/Range (°C):	> 87 °C (heptane)
pH (20 °C):	N av
Viscosity (20 °C):	N av.

(Typical values only - consult specification sheet)

N Av = Not available

N App = Not applicable



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10. Stability and reactivity

Chemical stability:

This material is thermally stable when stored and used as directed.

Conditions to avoid:

Elevated temperatures.

Incompatible Materials:

No information available

Hazardous decomposition products:

Oxides of carbon and nitrogen, smoke and other toxic fumes.

Hazardous reactions:

No information available.

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: Over exposure to vapours in poorly ventilated areas will cause irritation of the nose, throat and respiratory tract and may cause dizziness, headaches or unconsciousness. Inhalation of high concentrations can produce central nervous system depression which can lead to loss of coordination, impaired judgement and, if exposure is prolonged, unconsciousness and possibility death.

Skin contact: Contact with skin may result in irritation.

Eye contact: An eye irritant due to the presence of heptane.

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:

Prolonged or repeated skin contact may lead to dermatitis due to the defatting effect of heptane.

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

UN No: 1133
Dangerous Goods Class: 3
Packing Group: III
Hazchem Code: 3[Y]
Emergency Response Guide No: 37

Proper Shipping Name: Adhesive containing flammable liquids

Segregation Dangerous Goods: Not to be loaded with explosives (Class 1), dangerous when wet substances (Class 4.3), oxidising agents (Class 5.1), organic peroxides (Class 5.2), cyanides of Class 6, radioactive substances (Class 7) or food and food packaging in any quantity, however exemptions may apply. Note that material is incompatible with acids and alkalis.

IMDG

UN No: 1133
Dangerous Goods Class: 3
Packing Group: III

Proper Shipping Name: Adhesive containing flammable liquids.

IATA

UN No: 1133
Dangerous Goods Class: 3
Packing Group: III

Proper Shipping Name: Adhesive containing flammable liquids.

15. Regulatory information

Poisons Schedule (Aust):
Not applicable.

All the constituents of this material are listed on the Australian Inventory of Chemical Substances (AICS).

16. Other information

Reason(s) For Issue: Revised

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.