



Safety Data Sheet

According to NOHSC:2011(2003)

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Version: 1.0

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Revised: 21-Mar-10

MSDS No: 278

CLASSIFIED AS HAZARDOUS ACCORDING TO NOHSC CRITERIA

1. Identification of the substance/preparation and company

Product:

SikaBond

Recommended use:

Construction adhesive.

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. Hazard identification

Hazard Category:

Xn - Harmful

Risk Phrase(s):

R38 Irritating to skin.

R67 Vapours may cause drowsiness and dizziness

Safety Phrase(s):

S9 Keep container in a well ventilated place.

S16 Keep away from sources of ignition

S23 Do not breathe vapour.

S24 Avoid contact with skin.

S37 Wear suitable gloves.

S61 Avoid release to environment.

Classified as a hazardous substance and dangerous goods.

3. Composition/information on ingredients

Chemical characterization:

Filled Styrene Butadiene copolymer

Hazardous ingredients:

Ingredient

CAS No

Concentration

Naphtha (petroleum)hydrotreated light

64742-49-0

30-60%

Kaolin

1332-58-7

30-60%

1,3 Styrene butadiene block copolymer

10 -30%

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:

In the event of fire carbon monoxide, carbon dioxide and other toxic fumes can be released.

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 and alcohol resistant foam.

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. 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. Avoid breathing vapour. Use personnel Protective equipment.

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	STEL
n-Heptane	400 ppm	500ppm
Naphtha(petroleum) hydrated lime	1400 mg/m ³	
1,3 Butadiene monomer	10ppm	
Styrene monomer	50ppm	100ppm

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 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 1.11
Relative Vapour Density (air=1):	3.52
Vapour Pressure (20 °C):	6-7.7 kPa (Naphtha (petroleum) hydrated light)
Flammability Limits (%):	LEL =ca. 1 UEL = ca.7(Naphtha (petroleum) hydrated light)
Autoignition Temperature (°C):	246 -260°C
Melting Point/Range (°C):	N Established
Boiling Point/Range (°C):	90-100 °C (Naphtha (petroleum) hydrated light)
pH (20 °C):	N av
Viscosity (20 °C):	N av.

(Typical values only - consult specification sheet)

N Av = Not available



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10. Stability and reactivity

Chemical stability:

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

Conditions to avoid:

Ignition sources, hot surfaces or strong heating.

Incompatible Materials:

Strong oxidizing agents.

Hazardous decomposition products:

Oxides of carbon, 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, itching, burning sensation, redness, swelling and blistering of exposed area.

Eye contact: An eye irritant and reddening.

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:

Toxic to fish, aquatic invertebrates, algae and micro organisms..

Persistence and degradability:

Readily biodegradable.

Mobility:

Low mobility, Floats on water and adsorbs to soil.



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13. Disposal considerations

Refer to State/Territory Land Waste Management Authority.

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 liquid

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 scheduled.

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.



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