



Safety Data Sheet

According to NOHSC:2011(2003)

Version: 1.0

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Issued : 05/08/11

MSDS No: 696

CLASSIFIED AS HAZARDOUS ACCORDING TO NOHSC CRITERIA

1. Identification of the substance/preparation and company

Product:

Sikabond Tech-Grip

Recommended use:

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

Xn - Harmful

Xi - Irritant

R Phrases

R20 - Harmful by inhalation.

R36/37/38 - Irritating to eyes respiratory system and skin.

R42/43 - May cause sensitization by inhalation and skin contact.

S Phrases

S26 - In case of contact with eyes, rinse immediately with plenty of water and seek medical advise.

Product is not classified as Dangerous Goods.

3. Composition/information on ingredients

Chemical characterization:

Polyurethane adhesive.

Hazardous ingredients:

Ingredient

Cas No.

Concentration

Polyurethane polymer

0.9%

Diphenylmethane-4,4-di isocyanate

101-68-8

0.15%

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.

Skin contact:

If skin or hair contact occurs, remove contaminated clothing and flush skin and hair with soap and water. Get medical attention if swelling, redness, blistering or irritation develops.

Eye contact:



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

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 a glass of water to drink. Never give anything by the mouth to an unconscious patient. If vomiting occurs give further water. Seek medical advice.

Notes to physician:

Treat symptomatically.

5. Fire-fighting measures

Specific hazards:

In the event of fire oxides of carbon and nitrogen can be released.

Special protective precautions and equipment:

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

Water spray maybe ineffective, if water is used fog nozzle is preferable.

Water maybe used to cool closed containers to prevent pressure build up and possible auto ignition or explosion. when exposed to extreme heat.

Suitable extinguishing media:

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

6. Accidental release measures

Spills:

Wear protective equipment to prevent skin and eye contamination. Increase ventilation. Cover spill with wet soil, wet sand or solid decontaminant and leave to react for ten minutes. Collect and seal in properly labelled containers or drums for disposal. Dispose according to local regulations.

7. Handling and storage

Handling:

Avoid eye contact and repeated or prolonged skin contact. Keep containers closed and out of reach of children.

Storage:

Store in sealed containers in a cool, dry, well-ventilated place away from sources of heat and ignition.

8. Exposure controls/personal protection

National occupational exposure limits:

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

However for;

	TWA	STEL
	mg/m ³	mg/m ³
Isocyanates	0.02	0.07

Biological Limit Values:

As per the "National Model Regulations for the Control of Workplace Hazardous Substances [NOHSC:



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1005 (1994)]” the ingredients in this material do not have a Biological Limit Allocated.

Engineering measures:

Provide adequate ventilation to maintain vapour concentrations below an acceptable TLV.
Use explosion proof ventilation equipment.

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.

9. Physical and chemical properties

Appearance:

Physical state: Viscous liquid
Colour: Brown

Data relevant to safety:

Specific gravity (25⁰C) -1.11
Vapour pressure - , 0.0003 mm Hg @ 25⁰C
Vapour density - >1
Flash point - > 200⁰C
Solubility in water: Insoluble

10. Stability and reactivity

Chemical stability:

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

Conditions to avoid:

Keep away from heat and moisture

Materials to avoid:

Water and all organic compounds containing reactive hydrogen.

Hazardous decomposition products:

Oxides of carbon and nitrogen.

Hazardous reactions:

Will not occur under normal conditions..

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: The vapour is an irritant to mucous and respiratory tract. Respiratory sensitizer. Inhalation of mist s or aerosols may produce respiratory irritation.

Skin contact: May cause moderate irritation. Prolonged skin contact may lead to dermatitis effects

Eye contact: A severe eye irritant. May cause conjunctivitis.



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Ingestion: May cause gastric irritation..

Long Term Effects:

No information available.

Acute toxicity / Chronic toxicity:

No LD50 data available for the product

12. Ecological information

Avoid contaminating waterways, drains and sewers.

Eco-toxicity:

No information available.

Persistence and degradability:

No information available.

Mobility:

Insoluble in water..

13. Disposal considerations

Refer to State/Territory Land Waste Management Authority.

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.

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

16. Other information

Reason(s) For Issue: New Product

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 Date 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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