



Safety Data Sheet

According to NOHSC:2011(2003)

Version: 1.0

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Revised: 19 Dec 2006

MSDS No: 308

CLASSIFIED AS HAZARDOUS ACCORDING TO NOHSC CRITERIA

1. Identification of the substance/preparation and company

Product:

Sikafloor 261T Part A

Recommended use:

Casting resin for moulds.

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:

Modified aromatic isocyanate

Hazardous ingredients:

Ingredient	CAS No	Concentration
Reaction product: bisphenol A-(epichlorohydrin)	25068-38-6	30-60%
Reaction product: bisphenol F-(epichlorohydrin)	9003-36-5	1-10%
Oxirane, mono(C12-14-alkyloxy)methyl derivatives	3101-60-8	1-10%
Benzyl alcohol	100-51-6	1-10%

3. Hazard identification

Hazard Category:

Xn Harmful
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.
S36/37/38: Wear suitable protective clothing, gloves and eye/face protection.

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 running water. If swelling, redness, blistering or irritation occurs seek medical assistance.



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Eye contact:

If in eyes, hold eyelids apart and flush the eyes continuously with running water. Continue flushing until advised to stop by the Poisons Information Centre or a Doctor; or for at least 15 minutes and transport to Doctor or Hospital.

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:

Combustible material.

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 or products of combustion.

Suitable extinguishing media:

If material is involved in a fire use water fog (or if unavailable fine water spray), foam, dry agent (carbon dioxide, dry chemical powder).

6. Accidental release measures

Small Spills:

Wear protective equipment to prevent skin and eye contamination. Avoid inhalation of vapours. Wipe up with absorbent (clean rag or paper towels). Collect and seal in properly labelled containers or drums for disposal.

Large spills:

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 (saw dust, 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 skin and eye contact.

Storage:

Store in a cool, dry, well-ventilated place and out of direct sunlight, frost, atmospheric moisture and water. Store away from incompatible materials described in Section 10. Keep containers closed when not in use - check regularly for leaks. Keep away from food, beverages and animal feedstock.

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/m ³	ppm	mg/m ³	CATEGORY	
Epichlorohydrin	2	7.6				Sk



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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.

9. Physical and chemical properties

Appearance:

Physical state: Liquid
Colour: Beige
Odour: Characteristic

Data relevant to safety:

Solubility: insoluble
Density(20 °C): 1.52 g/cm³
Vapour Pressure (20 °C): N Av
Flash Point (°C): 115
Flammability Limits (%): N Av
Autoignition Temperature (°C): N A

(Typical values only - consult specification sheet)

N Av = Not available

N App = Not applicable

10. Stability and reactivity

Chemical stability:

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

Conditions to avoid:

Not reported.

Incompatible Materials:

None reported.

Hazardous decomposition products:

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

Hazardous reactions:

With water formation of carbon dioxide will result in rise of pressure in closed containers.



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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 cause irritation.

Skin contact: Contact with skin will result in irritation and harmful effects.

Eye contact: An eye irritant.

Ingestion:

Small amounts may cause considerable health disorders.

Long Term Effects:

No information available for the 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.

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):

This material is Scheduled Poison S5 and must be stored, maintained and used in accordance with the relevant regulations.

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



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16. Other information

Reason(s) For Issue: Revised 19/12/06

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.

Material Safety Data Sheet

Sikafloor[®]-261 Part B



HAZARDOUS ACCORDING TO CRITERIA OF WORKSAFE AUSTRALIA

COMPANY DETAILS

COMPANY: Sika Australia Pty. Limited A.C.N. 001 342 329
Sika New Zealand Limited

ADDRESS: 55 Elizabeth Street, Wetherill Park, NSW 2164 (AUS)
85-91 Patiki Road, Avondale, Auckland (NZ)

TELEPHONE: (02) 9725 1145 (AUS)
(09) 828 7002 (NZ)

EMERGENCY TELEPHONE NO: 1 800 033 111 (AUS)
0800 734 607(NZ)

FAX NUMBER: (02) 9725 3330 (AUS)
(09) 828 4091 (NZ)

IDENTIFICATION

PRODUCT NAME: Sikafloor[®]-261 Part B

OTHER NAMES: Flammable liquid, corrosive N.O.S *

MANUFACTURER'S PRODUCT CODE: Not available

U.N. NUMBER: 2924

DANGEROUS GOODS CLASS: 3 (8)

POISONS SCHEDULE NUMBER: 5

USE: Sikafloor[®]-261 Part B is the hardener for a 2-component epoxy for broadcast basecoat and self-levelling application.

PHYSICAL DESCRIPTION/PROPERTIES:

APPEARANCE: Yellowish low viscosity liquid with an amine-like odour

BOILING POINT/MELTING POINT: Not available

VAPOUR PRESSURE: Not available

SPECIFIC GRAVITY: 1.01 @ 20°C

FLASHPOINT: 33°C

FLAMMABILITY LIMITS: Not available

SOLUBILITY IN WATER: Not available

ADVICE NOTE:

The information contained in this Material Safety Data Sheet corresponds to our best knowledge at the time of publication. Each user should read the MSDS and Technical Data Sheet prior to handling and use.

This product is sold subject to our latest standard terms and conditions.

OTHER PROPERTIES:

Viscosity @ 20°C 19 sec 4mm/DIN 53211
10 sec 6mm/ISO 2431

INGREDIENTS:

Chemical Name:	CAS Number:	Proportion:
Benzyl alcohol	100-51-6	30 - 60%
Cycloaliphatic polyamine (IPD)	2855-13-2	10 - 30%
m-XDA	1477-55-0	10 - 30%
Isopropanol	67-63-0	< 10%
2,4,6-tris(dimethylaminomethyl) phenol	90-72-2	< 10%
Aliphatic amine	-	to 100%

HEALTH HAZARD INFORMATION

HEALTH EFFECTS

Acute:

Swallowed:	Harmful if swallowed. May cause considerable health disorders.
Eye:	Causes burns. May cause irreversible damage to eyes.
Skin:	Harmful in contact with skin - causes burns. Susceptible individuals may develop allergic reactions such as dermatitis or asthma-like symptoms on a single significant skin exposure.
Inhaled:	Harmful by inhalation. Vapours have a narcotic effect.

Chronic

Swallowed:	Not applicable.
Eye:	Not applicable.
Skin:	Repeated or prolonged exposure to the skin may result in sensitisation / allergic reactions.
Inhaled:	Harmful by inhalation. Vapours have a narcotic effect.

FIRST AID

Swallowed:	If swallowed, DO NOT induce vomiting. If poisoning occurs, contact a doctor or Poisons Information Centre.
Eye:	In case of contact with eyes, rinse immediately for at least 15 minutes with plenty of water and contact a doctor or Poisons Information Centre.
Skin:	If skin contact occurs, remove contaminated clothing. Do not allow to dry on skin. Wash skin thoroughly with plenty of soap and water. Seek medical attention.
Inhaled:	Remove from exposure and keep calm. Seek medical attention.
First Aid Facilities:	Eye wash station, showering facility.

ADVICE TO DOCTOR: Treat as for corrosive alkali with low water solubility.

PRECAUTIONS FOR USE

EXPOSURE STANDARDS:

Component	TWA Value	STEL	Reference
m-XDA	0.1 mg / m ³	N/A	ACGIH
Isopropanol	400 ppm/ 983 mg/m ³	500 ppm/1230 mg/m ³	Worksafe

ACGIH - American Conference of Governmental Industrial Hygienists (ACGIH), Documentation of Threshold Limit Values and Biological Exposure Indices, 6th Edition, ACGIH, Cincinnati, Ohio, 1991

ENGINEERING CONTROLS:	Use only in well-ventilated areas; use local exhaust ventilation if necessary. Vapours may form explosive mixtures with air. If ventilation is poor use respirator as below.
PERSONAL PROTECTION:	<p>Wear suitable protective clothing. Wear PVC/Rubber gloves and wear eye protection. In poorly ventilated areas wear a half face filter respirator suitable for organic vapours. (Filter A1). Gloves and safety glasses recommended should comply with Australian Standards or an equivalent approved by a Commonwealth, State or Territory authority. Respirators should comply with Australian Standard AS 1716 <i>Respiratory Protective Devices</i> or an equivalent approved by a State or Territory authority and should be used in accordance with Australian Standard AS 1715 <i>Selection, Use and Maintenance of Respiratory Protective Devices</i>.</p> <p>Do not store or consume food, drink or tobacco in an area where they may become contaminated with this material. Wash thoroughly before eating, smoking, applying cosmetics etc. Thoroughly launder work clothes before reuse.</p>
FLAMMABILITY:	Flammable. Vapours are heavier than air and may accumulate in low-lying and poorly ventilated areas. Ignitable mixtures can form in the empty container. Keep away from sources of ignition-no smoking.

SAFE HANDLING INFORMATION

STORAGE & TRANSPORT:	<p>Keep container tightly closed in a cool well-ventilated place. Keep away from food, beverages and animal feedstocks. Protect from frost, heat and direct sunlight.</p> <p>Dangerous Goods Class 3 (8) UN Number: 2924 Proper Shipping Name: Flammable Liquid Corrosive N.O.S. * (contains Isopropanol, IPD) Packing Group III Hazchem Code: 3WE Emergency Procedure Guide: 3A4</p>
SPILLS & DISPOSAL:	<p>Product is water polluting.</p> <p>Small spills: Wear personal protective equipment. Wipe up or absorb onto absorbent material. Remove residues with a small amount of alcohol-based solvent.</p> <p>Large spill: Wear personal protective equipment. Prevent entering sewers, stormwater drains, soils or waterways. In poorly ventilated or confined spaces wear a half face respirator suitable for organic vapours (Filter A1) wear safety glasses or goggles and PVC gloves. Absorb with dry sand, vermiculite or other absorbent for organic materials.</p> <p>Collect absorbed residues in a steel container that can be sealed for subsequent disposal.</p> <p>Disposal of in accordance with local Authority Regulations.</p>
FIRE/EXPLOSION HAZARD:	<p>Flammable liquid. In the event of fire the following can be released: Carbon dioxides, Carbon monoxide, Nitrogen oxides and possible traces of Hydrogen cyanide (HCN). Fire fighting media water spray jet, foam, carbon dioxide or dry powder.</p>

OTHER INFORMATION:

Hazard identification

Risk Phrases:

R10 Flammable
R20/22 Harmful by inhalation and if swallowed
R34 Causes burns
R43 May cause sensitisation by skin contact.

Safety Phrases:

S26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
S36/37/39 Wear suitable protective clothing, gloves and eye/face protection.
S45 In case of accident or if you feel unwell, seek medical advice immediately.
S51 Use only in well ventilated areas.
S29.1 Do not empty into drains, water and soil.

CONTACT POINT:

Responsible Care Co-ordinator or Laboratory Manager
(02) 9725 1145 (AUS)

Operations Manager (09) 828 7002 or (09) 820 1432 (NZ)