



Safety Data Sheet

According to NOHSC:2011(2003)

Page: 1 of 5

Issued: 08-May-08

MSDS No: 397

CLASSIFIED AS HAZARDOUS ACCORDING TO NOHSC CRITERIA

1. Identification of the substance/preparation and company

Product:

Sikafloor 400N Elastic

Recommended use:

Polyurethane Waterproofing Membrane

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
F Flammable

Risk Phrase(s):

R10 Flammable.
R20 Harmful by inhalation.
R52/53 Harmful to aquatic organisms, may cause long term adverse effects in Aquatic environment.

3. Composition/information on ingredients

Chemical characterization:

Polyurethane, pigment and organic solvents.

Hazardous ingredients:

Ingredients:	CAS No	Concentration
Xylene	1330 -20-7	1 – 10%
Titanium dioxide	13463-67-7	1 – 10%
Solvent Naphtha(petroleum) light aromatic	64742-95-6	1 – 10%
Ethylbenzene	100-41-4	1 – 10%
3-isocyanomethyl 3,5,5-trimethyl cyclohexyl isocyanate	4098-71-9	< 1%
2 methoxy -1 methylethyl acetate	108 – 65-6	< 1%

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 attention in case of respiratory irritation or if feeling unwell in cases of prolonged exposure.



Safety Data Sheet

According to NOHSC:2011(2003)

Page: 2 of 5

Issued: 08-May-08

MSDS No: 397

Skin contact:

If skin or hair contact occurs, remove contaminated clothing and flush skin and hair with running water. Solvents should not be used to clean skin because they may increase the penetration of the material. If swelling, redness, blistering or irritation occurs seek medical assistance.

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:

Combustion will produce smoke, carbon dioxide, carbon monoxide and nitrogen oxides.

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:

Use alcohol resistant foam, dry chemical or carbon dioxide.

6. Accidental release measures

Spills:

Ensure adequate ventilation. Wear protective equipment to prevent skin and eye contamination. Avoid inhalation of vapours. Eliminate all sources of ignition. Wipe up with absorbents such as earth, sand and inert material. Prevent material entering drains and waterways. Collect and seal in properly labelled containers or drums for disposal. Dispose material according to local regulations.

7. Handling and storage

Handling:

Use in well ventilated areas. Keep away from sources of ignition and protect against electrostatic discharges. Exposure by inhalation or skin contact should be minimised by good Industrial Hygiene practices.

Storage:

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



Safety Data Sheet

According to NOHSC:2011(2003)

Page: 3 of 5

Issued: 08-May-08

MSDS No: 397

8. Exposure controls/personal protection

National occupational exposure limits:

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

	TWA (ppm)	TWA (mg/m ³)	STEL (ppm)	STEL (mg/m ³)
Xylene	80	350	150	655
Titanium dioxide		10		
Ethylbenzene	100	434	125	543
3-isocyanomethyl 3,5,5-trimethyl cyclohexyl isocyanate		0.02		0.07
2 methoxy -1 methylethyl acetate	50	274	100	548

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.

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:	Various
Odour:	Hydrocarbon

Data relevant to safety:

Density (20 °C)	1.56g/cm ³
Flash Point (°C):	43 (closed cup)
Solubility	Insoluble in cold water

(Typical values only - consult specification sheet)

10. Stability and reactivity

Chemical stability:

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

Conditions to avoid:

Elevated temperatures and sources of ignition.

Materials to avoid:

Oxidizing agents



Safety Data Sheet

According to NOHSC:2011(2003)

Page: 4 of 5

Issued: 08-May-08

MSDS No: 397

Hazardous decomposition products:
Oxides of carbon and nitrogen.

Hazardous reactions:
None reported.

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 or overexposure occurs are:

Acute Effects:

Inhalation: Sensitization possible through inhalation.

Skin contact: No irritant effect.

Eye contact: May cause irritation.

Ingestion:
Harmful if swallowed.

Long Term Effects:

No information available for product.

Acute toxicity / Chronic toxicity:

	LD 50 (rat) mg/kg	
	<u>Oral</u>	<u>Dermal</u>
Xylene	4300	2459
Solvent naphtha	8400	
Ethylbenzene	3500	
3-isocyanomethyl 3,5,5-trimethyl cyclohexyl isocyanate	4825	
2 methoxy -1 methylethyl acetate	8532	

12. Ecological information

Avoid contaminating waterways.

Ecotoxicity:

Harmful to aquatic organisms..

Persistence and degradability:

No information available.

Mobility:

Product is insoluble in cold water..

13. Disposal considerations

Refer to State/Territory Land Waste Management Authority.



Safety Data Sheet

According to NOHSC:2011(2003)

Page: 5 of 5

Issued: 08-May-08

MSDS No: 397

14. Transport information

ADG/ADR/RID

UN. No.	1263
Dangerous Goods Class	3
Packing Group	III
Proper Shipping Name:)	Paint

IMDG

UN. No.	1263
Dangerous Goods Class	3
Packing Group	III
Proper Shipping Name:	Paint

IATA

UN. No.	1133
Dangerous Goods Class	3
Packing Group	III
Proper Shipping Name:	Paint

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.