NOT CLASSIFIED AS HAZARDOUS ACCORDING TO NOHSC CRITERIA

1. Identification of the substance/preparation and company

Product:

Sikafloor – 325 Part A

Recommended use:

Two component, solvent free, Elastic Polyurethane based Flooring System.

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:

Solvent free polyurethane system

Hazardous ingredients:

Ingredient	CAS No	Concentration
Solvent Naphtha(petroleum) Heavy aromatic bp <240C	64742-94-5	0.1-1.0%

3. Hazard identification

Hazard Category:

Not classified as hazardous

4. First-aid measures

Inhalation:

Remove victim from exposure - avoid becoming a casualty. Remove contaminated clothing and loosen remaining clothing. In cases of possible respiratory irritation or feeling unwell in cases of prolonged exposure, obtain medical attention.

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.In case of symptoms 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.

Notes to physician:

Treat symptomatically. Effects may be delayed.

5. Fire-fighting measures

Specific hazards:

Combustible material. Combustion will generate oxides of carbon and nitrogen.

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 foam, dry chemical or carbon dioxide.
Do not use water jet.

6. Accidental release measures

Spills:

Wear protective equipment to prevent skin and eye contamination. Avoid inhalation of vapours. Avoid material entering drains and waterways. Wipe up with absorbent such as earth, sand or other inert material. Collect and seal in properly labelled containers or drums for disposal.

7. Handling and storage

Handling:

Use in a well ventilated area. Avoid contact with eyes, skin and clothing.

Storage:

Store in a cool, dry, well-ventilated place and out of direct sunlight. Storage temperature should be between 5- 25^{0}C Store away from foodstuffs. Keep containers closed when not in use - check regularly for leaks.

8. Exposure controls/personal protection

National occupational exposure limits:

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

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:	Various
Odour:	Characteristic

Data relevant to safety:

Solubility - water:	Insoluble i
Density(20 °C):	1.3 kg/L
Vapour Pressure (20 °C):	N Av
Flash Point (°C):	144
Flammability Limits (%):	N Av
Autoignition Temperature (°C):	N Av
Melting Point/Range (°C):	N Av
pH:	approx. 7
Viscosity:	3500 mPas

(Typical values only - consult specification sheet)
N Av = Not available

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.

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: Material may be irritant to mucous membranes and respiratory tract.

Skin contact: frequent skin contact may cause irritation and defatting due to the solvent content.

Eye contact: Irritating to eyes.

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:
No LD50 data available for the product.

12. Ecological information

Avoid contaminating waterways.

Ecotoxicity:

The product may be harmful to aquatic organisms.

Persistence and degradability:

Product is expected to be not readily biodegradable.

Mobility:

The product is 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

This Material Safety Data Sheet has been prepared by Chemical Data Services Pty Ltd on behalf of its client.

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 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.

CLASSIFIED AS HAZARDOUS ACCORDING TO NOHSC CRITERIA

1. Identification of the substance/preparation and company

Product:

Sikafloor – 325 Part B

Recommended use:

Two component, solvent free, Elastic Polyurethane based Flooring System.

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:

Solvent free polyurethane system.

Hazardous ingredients:

Ingredient	CAS No	Concentration
Diphenylmethane di isocyanate	101-68-8	50-100%

3. Hazard identification

Hazard Category:

Xn Harmful

Risk Phrase(s):

R20	Harmful by inhalation.
R36/37/38:	Irritating to eyes, respiratory system and skin.
R42/43:	May cause sensitisation by inhalation and skin contact.

Safety Phrase(s):

S23	Do not breathe gas/fumes/vapour/spray.
S24/25:	Avoid contact with skin and eyes.
S36/37/39:	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 attention in case of respiratory irritation or if feeling unwell in cases of prolonged exposure.

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. Effects may be delayed.

5. Fire-fighting measures

Specific hazards:

Thermal decomposition or burning may release oxides of carbon, nitrogen and other toxic gases and vapours.

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 foam, dry chemical or carbon dioxide.
Do not use water jet.

6. Accidental release measures

Spills:

Wear protective equipment to prevent skin and eye contamination. Avoid inhalation of vapours. 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.

7. Handling and storage

Handling:

Use in well ventilated areas. Avoid contact with water or moist air. 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. Storage temperature should be 5-25^{0}C. Store away from foodstuffs. Keep containers closed when not in use - check regularly for leaks.

8. Exposure controls/personal protection

National occupational exposure limits:

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

Diphenyl methane di isocyanate

UK EH40: MEL 0.07 mg/m3 15 min STEL
UK EH40: MEL 0.02mg/m3 8h TWA

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:	Straw- Colourless
Odour:	Characteristic

Data relevant to safety:

Solubility:	Insoluble in water.
Density (20 °C)	1.2 Kg/L
Vapour Pressure (20 °C):	N Av
Flash Point (°C):	>200
Viscosity (20 °C):	300 MPa.s

(Typical values only - consult specification sheet)
N Av = Not available

10. Stability and reactivity

Chemical stability:

This material is thermally stable when stored and used as directed.
Polymerisation will continue if exposed to water.

Conditions to avoid:

Elevated temperatures and exposure to water or moisture.

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: Inhalation may cause respiratory sensitisation. Hypersensitive persons may develop asthmatic symptoms and should refrain working with the product.

Skin contact: Frequent or prolonged skin contact may cause some local short term skin irritation. The possibility of allergic sensitisation should be considered.

Eye contact: Liquid and vapour can cause irritation on contact and at high concentaration.

Long Term Effects:
No information available for 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:
The product is expected to be not readily biodegradable..

Mobility:
The product is 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):
Contains Diphenylmethanediisocyanate, isomers and homologues.

This material is a Scheduled Poison S6 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).

16. Other information

Reason(s) For Issue: Revised 08/01/07

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

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