



Safety Data Sheet

According to NOHSC:2011(2003)

Version: 1.0

Page: 1 of 4

Issued: 16-March-09

MSDS No: 582

NOT CLASSIFIED AS HAZARDOUS ACCORDING TO NOHSC CRITERIA

1. Identification of the substance/preparation and company

Product:

Sikafloor –PU WB Part A

Recommended use:

Water based clear polyurethane coating

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:

Polyurethane dispersion.

Hazardous ingredients

Ingredient	CAS No	Concentration
Glycol ether	111-76-2	<5%

Non hazardous at this concentration.

3. Hazard identification

Hazard Category: Non hazardous.

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 irritation develops seek medical assistance.

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 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.



Safety Data Sheet

According to NOHSC:2011(2003)

Version: 1.0

Page: 2 of 4

Issued: 16-March-09

MSDS No: 582

5. Fire-fighting measures

Specific hazards:

Non combustible liquid Thermal oxidation or pyrolysis (as in fire) of solid residue may yield carbon dioxide, carbon monoxide and volatile fragments which are flammable, irritating or toxic.

Fight fires from upwind and cool intact containers with water spray or stream at maximum range.

Special protective precautions and equipment:

Under fire conditions, product generates irritating and hazardous vapors and toxic fumes. Fire fighters should wear self-contained breathing apparatus in addition to the protective clothing usually worn.

Suitable extinguishing media:

Water fog, carbon dioxide, foam, dry chemical, sand.

6. Accidental release measures

Spills:

Spills should be contained to prevent contamination of drainage systems or waterways.

Collect with absorbent material such as earth, sawdust or vermiculite. Place into suitable containers for disposal. Advise emergency authorities if contamination of sewers or waterways occurs. Avoid eye or skin contact, or oral ingestion.

7. Handling and storage

Handling:

Avoid eye contact and repeated or prolonged skin contact.

Storage:

Store between 5 and 40 C. Keep away from frost. Store away from foodstuffs. Keep containers closed at all times. Check regularly for leaks.

8. Exposure controls/personal protection

National occupational exposure limits:

None established by the National Occupational Health and Safety Commission for this specific product.

The exposure standard for the glycol ether is 25 ppm, 121 mg/m³ TWA

Ammonia, Aqueous Solution is 25 ppm, 17mg/m³ 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 good air circulation. Keep containers closed when not in use. Use with local exhaust ventilation or while wearing an organic vapor respirator.

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.



Safety Data Sheet

According to NOHSC:2011(2003)

Version: 1.0

Page: 3 of 4

Issued: 16-March-09

MSDS No: 582

9. Physical and chemical properties

Appearance:

Physical state: liquid
Colour: white

Data relevant to safety:

Solubility:	Soluble in water.
Specific Gravity (20 °C):	approx 1.04
Relative Vapour Density (air=1):	>1
Vapour Pressure (20 °C):	,23 mbar as water
Boiling Point (°C):	>100
VOC	80g/L

(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.

Materials to avoid:

Avoid exposure to strong alkalis, mineral acids and strong oxidisers.

Hazardous decomposition products:

Thermal oxidation or pyrolysis (as in fire) may yield carbon dioxide, carbon monoxide and volatile fragments which are flammable, irritating or toxic.

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: Contact with skin may result in irritation.

Eye contact: May be an eye irritant.

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.

For the glycol ether Oral LD50 (rat): 1480 mg/Kg, Dermal LD50 (rabbit): 490 mg/Kg, Inhalation LC50 (mouse): 700 ppm/7 hrs, SKIN (rat): LD50 490 mg/Kg

12. Ecological information

Avoid contaminating waterways.



Safety Data Sheet

According to NOHSC:2011(2003)

Version: 1.0

Page: 4 of 4

Issued: 16-March-09

MSDS No: 582

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

This material is non hazardous according to criteria of NOHSC.

Risk Phrase(s):

R36/38 Irritating to skin and eyes.

Safety Phrase(s):

S: (1/2) Keep locked up and out of the reach of children

S36/37 Wear suitable protective clothing & gloves

S46: If swallowed, seek medical advice immediately and show this container or label.

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 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.



Safety Data Sheet

According to NOHSC:2011(2003)

Version: 1.0

Page: 1 of 4

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CLASSIFIED AS HAZARDOUS ACCORDING TO NOHSC CRITERIA

1. Identification of the substance/preparation and company

Product:

Sikafloor –PU WB Part B

Recommended use:

Water based clear polyurethane coating

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:

Polyurethane dispersion.

Hazardous ingredients:

Ingredient	CAS No	Concentration
Butyl glycol acetate	112-07-2	>25%

3. Hazard identification

Hazard Category:

Xn Harmful

Risk Phrase(s):

R20/21 Harmful by inhalation and contact with skin.

Safety Phrase(s):

S2 Keep out of reach of children.
S36/37 Wear suitable protective clothing and gloves.
S46 If swallowed, seek medical advice immediately and show this container or label.

4. First-aid measures

Inhalation:

Remove victim from exposure - avoid becoming a casualty. Remove contaminated clothing and loosen remaining clothing. If not breathing administer artificial respiration. 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 irritation develops seek medical assistance.



Safety Data Sheet

According to NOHSC:2011(2003)

Version: 1.0

Page: 2 of 4

Issued 16-March-09

MSDS No: 583

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 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:

Non combustible liquid Thermal oxidation or pyrolysis (as in fire) of solid residue may yield carbon dioxide, carbon monoxide and volatile fragments which are flammable, irritating or toxic. Fight fires from upwind and cool intact containers with water spray or stream at maximum range.

Special protective precautions and equipment:

Under fire conditions, product generates irritating and hazardous vapors and toxic fumes. Fire fighters should wear self-contained breathing apparatus in addition to the protective clothing usually worn.

Suitable extinguishing media:

Water fog, carbon dioxide, foam, dry chemical, sand.

6. Accidental release measures

Spills:

Spills should be contained to prevent contamination of drainage systems or waterways. Collect with absorbent material such as earth, sawdust or vermiculite. Place into suitable containers for disposal. Advise emergency authorities if contamination of sewers or waterways occurs. Avoid eye or skin contact, or oral ingestion.

7. Handling and storage

Handling:

Avoid eye contact and repeated or prolonged skin contact.

Storage:

Store between 5 and 40 C. Keep away from frost. Store away from foodstuffs. Keep containers closed at all times. Check regularly for leaks.

8. Exposure controls/personal protection

National occupational exposure limits:

None established by the National Occupational Health and Safety Commission for this specific product. The exposure standard for butyl glycol acetate is 20 ppm, 133 mg/m³ TWA and 50 ppm, 333 mg/m³ STEL.

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.



Safety Data Sheet

According to NOHSC:2011(2003)

Version: 1.0

Page: 3 of 4

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Engineering measures:

Ensure ventilation is adequate to maintain good air circulation. Keep containers closed when not in use. Use with local exhaust ventilation or while wearing an organic vapor respirator.

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: liquid
Colour: clear

Data relevant to safety:

Specific Gravity (20 °C):	approx 1.04
Relative Vapour Density (air=1):	>1
Vapour Pressure (20 °C):	<23 mbar as water
VOC	<300g/L

(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.

Materials to avoid:

Avoid exposure to strong alkalis, mineral acids and strong oxidisers.

Hazardous decomposition products:

Thermal oxidation or pyrolysis (as in fire) may yield carbon dioxide, carbon monoxide and volatile fragments which are flammable, irritating or toxic.

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: Contact with skin may result in irritation.

Eye contact: May be an eye irritant.



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According to NOHSC:2011(2003)

Version: 1.0

Page: 4 of 4

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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.

For the glycol ether Oral LD50 (rat): 1480 mg/Kg, Dermal LD50 (rabbit): 490 mg/Kg, Inhalation LC50 (mouse): 700 ppm/7 hrs, SKIN (rat): LD50 490 mg/Kg

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.

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15. Regulatory information

Poisons Schedule : 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

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