

# Safety Data Sheet

according to 91/155/EEC and ISO 11014-1

Date of printing: 05.07.2004

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Revised: 13.04.2004

SDS No.: 441

HAZARDOUS ACCORDING TO CRITERIA OF WORKSAFE AUSTRALIA

## 1. Identification of the substance/preparation and company

Product

Product name

**Sikafloor®-262 AS Part A**

Manufacturer/supplier information

Manufacturer/supplier:

Sika Australia Pty. Ltd.

Street/postbox:

55 Elizabeth Street

Town/City and Post Code:

WETHERILL PARK NSW

Country:

Australia

Phone:

(02)9725 1145

Telefax:

(02) 9725 3330

Emergency information phone:

1800 033 111

## \* 2. Composition/information on ingredients

Chemical characterization

Modified epoxi resin

Hazardous ingredients

Designation according to 67/548/EEC

CAS No.                      Concentration      Danger symbols R phrases

EC No.

- reaction product: bisphenol A-(epichlorhydrin)  
epoxy resin (number average molecular weight <= 700)  
25068-38-6                      10 - 25 %      Xi,N                      36/38,43,51/53  
500-033-5
- reaction product: bisphenol F-(epichlorhydrin) epoxy resin  
(number average molecular weight <= 700)  
9003-36-5                      2.5 - 10 %      Xi,N                      36/38,43,51/53  
500-006-8
- Solvent naphtha (petroleum), light arom.  
64742-95-6                      0.1 - 1 %      N,Xn                      51/53,10,65,37,66,67  
265-199-0
- Stoddard solvent  
8052-41-3                      0.1 - 1 %      Xn,N                      10,65,66,51/53  
232-489-3
- P-tert-butylphenyl-1-(2,3-epoxy)propyl ether  
3101-60-8                      2.5 - 10 %      N,Xi                      36/38,43,51/53  
221-453-2
- Benzyl alcohol  
100-51-6                      1 - 2.5 %      Xn                      20/22  
202-859-9

### 3. Hazards identification

#### Hazards identification

Xi	Irritant
N	Dangerous to the environment

#### Information on hazards to man and to the environment

36/38	Irritating to eyes and skin.
43	May cause sensitization by skin contact.
51/53	Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

### 4. First-aid measures

#### General instructions

In any case show the physician the Safety Data Sheet

#### After inhalation

In the event of symptoms take medical treatment.

#### After skin contact

In case of contact with skin wash off immediately with soap and water  
Consult a doctor if skin irritation persists.

#### After eye contact

In case of contact with the eyes, rinse immediately for at least 15 minutes with plenty of water.  
Summon a doctor immediately.

#### After ingestion

Do not induce vomiting.  
Summon a doctor immediately.

### 5. Fire-fighting measures

#### Suitable extinguishing media

compatible with all usual extinguishing media

#### Exposure hazard arising from the product, its combustion products or resulting gases

In the event of fire the following can be released:  
Carbon monoxide (CO)  
Carbondioxide (CO2)  
Nitrogen oxides (NOx)

#### Additional information

Fire residues and contaminated firefighting medium must be disposed of in accordance with the local regulations.  
Collect contaminated firefighting water separately, must not be discharged into the drains.

## **6. Accidental release measures**

### Personal precautions

- Ensure adequate ventilation.
- Use personal protective clothing.
- Use breathing apparatus if exposed to vapours/dust/aerosol.

### Environmental precautions

- Do not allow to enter drains or waterways
- In case of entry into waterways, soil or drains, inform the responsible authorities.

### Procedures for cleaning up

- Pick up with absorbent material (e.g. sand, sawdust, general-purpose binder).
- When picked up, treat material as prescribed under heading "Disposal".

## **7. Handling and storage**

### Handling

- Instructions for safe handling
- See chapter 8 / Personal protective equipment.

- Instructions for fire and explosion protection
- Not applicable.

### Storage

- Requirements for storage rooms and containers
- Keep container tightly closed and dry in a cool, well-ventilated place

- Combined storage instructions
- Keep away from food, beverages and animal feedstocks.

### Additional information regarding storage

- Protect from frost.
- Protect from heat and direct sunlight
- Protect from atmospheric moisture and water

## **\* 8. Exposure controls/personal protection**

### Personal protective equipment

- General protective and hygiene measures
- Take care for sufficient ventilation or exhaust on the workshop place.
- Avoid contact with eyes and skin
- Use barrier skin cream.
- Remove soiled or soaked clothing immediately.
- Do not eat, drink or smoke during work time.
- Wash hands before breaks and after work.

### Respiratory protection

- Not applicable.

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\* 8. Exposure controls/personal protection (continued)

Hand protection  
Butyl rubber/nitrile rubber gloves

Eye protection  
Tightly fitting safety glasses

Body protection  
Working clothes

**9. Physical and chemical properties**

Appearance

Physical state: liquid  
Colour: various  
Odour: characteristic

Data relevant to safety		Method
Flash point	> 101 °C	
Density at 20°C	1.69 g/cm <sup>3</sup>	
Solubility in water	immiscible	
Viscosity at 20°C	>> 90 s	4mm/DIN 53211
Viscosity at 23°C	>> 60 s	6mm/ISO 2431

**10. Stability and reactivity**

Materials to avoid/dangerous reactions

No hazardous reactions when stored and handled according to prescribed instructions.

Thermal decomposition and hazardous decomposition products

No decomposition if used as prescribed.

**11. Toxicological information**

Sensitization

Sensitization/allergic reaction possible.  
Allergic reaction may be observed in sensitive persons, even on very low concentrations.

Experience on humans

When skin contact:  
Irritation.

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**11. Toxicological information (continued)**

When eyes contact:

Irritation.

When inhalation:

Irritation.

When swallowed:

Small amount may cause considerable health disorders.

**12. Ecological information**

Additional information

Do not allow to enter waste water drain, waterways or soil.

**13. Disposal considerations**

Product

Recommendations

Must be disposed of in a special waste disposal unit in accordance with the corresponding regulations.

See chapter 15, national regulations.

Packaging

Recommendations

Completely emptied packagings can be given for recycling.

Packaging that cannot be cleaned should be disposed of as product waste

**\* 14. Transport information**

ADR/RID

UN 3082 Class: 9 Packing group: III Class.code: M6

Proper shipping name

Environmentally hazardous substance, liquid, n.o.s.

contains: Epoxide resin

Label No.: 9

IMO/IMDG

UN 3082 Class: 9 Packing group: III

EmS: F-A, S-F

Marine pollutant: no

Proper shipping name

Environmentally hazardous substance, liquid, n.o.s.

contains: Epoxide resin

Label No.: 9

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\* 14. Transport information (continued)

IATA/ICAO

UN 3082 Class: 9 Packing group: III

Proper shipping name

Environmentally hazardous substance, liquid, n.o.s.

contains: Epoxide resin

Label No.: 9

**15. Regulatory information**

Labelling according to EEC Directive

The product is classified and labelled in accordance with EC directives/the relevant national laws.

Relevant hazardous ingredients for labelling

Contains: reaction product: bisphenol A-(epichlorhydrin)  
epoxy resin (number average molecular weight <= 700)  
reaction product: bisphenol F-(epichlorhydrin) epoxy resin  
(number average molecular weight <= 700)  
P-tert-butylphenyl-1-(2,3-epoxy)propyl ether

Danger symbols

Xi Irritant

N Dangerous to the environment

R phrases

36/38 Irritating to eyes and skin.

43 May cause sensitization by skin contact.

51/53 Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

S phrases

24 Avoid contact with skin.

37 Wear suitable gloves.

Special labelling for certain preparations

Contains epoxy-containing compounds.

Observe manufacturer's instructions.

\* 16. Other information

asterisk (\*) on left margin marks modification of previous version

Recommended use: Chemical product for construction and industry

R-phrases of the ingredients listed in chapter 2

10 Flammable.

20/22 Harmful by inhalation and if swallowed.

36/38 Irritating to eyes and skin.

37 Irritating to respiratory system.

43 May cause sensitization by skin contact.

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\* 16. Other information (continued)

51/53	Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
65	Harmful: may cause lung damage if swallowed
66	Repeated exposure may cause skin dryness or cracking
67	Vapours may cause drowsiness and dizziness

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 91/155/EEC and ISO 11014-1

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## 1. Identification of the substance/preparation and company

Product

Product name

**Sikafloor®-262AS/262AS Thixo/265 Part B**

Manufacturer/supplier information

Manufacturer/supplier: Sika Australia Pty. Ltd.  
Street/postbox: 55 Elizabeth Street  
Town/City and Post Code: WETHERILL PARK NSW  
Country: Australia  
Phone: (02) 9725 1145  
Telefax: (02) 9725 3330  
Emergency information phone: 1800 033 111

## \* 2. Composition/information on ingredients

Chemical characterization

Modified polyamine

Hazardous ingredients

Designation according to 67/548/EEC

CAS No.	Concentration	Danger symbols	R phrases
EEC No.			
• dodecylphenol, branched			
121158-58-5	2.5 - 10 %	C,N	35,50/53
310-154-3			
• 2-piperazin-1-ylethylamine			
140-31-8	2.5 - 10 %	C	21/22,34,43,52/53
205-411-0			
• Benzyl alcohol			
100-51-6	25 - 50 %	Xn	20/22
202-859-9			
• 3-aminomethyl-3,5,5-trimethylcyclohexylamine			
2855-13-2	10 - 25 %	C	21/22,34,43,52/53
220-666-8			
• 2,4,6-tris(dimethylaminomethyl)phenol			
90-72-2	2.5 - 10 %	Xn	22,36/38
202-013-9			
• Trimethylhexamethylenediamine-1,6 cyanethylated			
	1 - 2.5 %	C,N	22,34,43,51/53
• M-phenylebis(methylamine)			
1477-55-0	2.5 - 10 %	C	20/22,34,43,52/53
216-032-5			

## 3. Hazards identification

Hazards identification

C Corrosive  
N Dangerous to environment

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### 3. Hazards identification (continued)

Information on hazards to man and to the environment

20/21/22	Harmful by inhalation, in contact with skin and if swallowed.
34	Causes burns.
43	May cause sensitization by skin contact.
51/53	Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

### 4. First-aid measures

General instructions

In any case show the physician the Safety Data Sheet

After inhalation

In the event of symptoms take medical treatment.

After skin contact

In case of contact with skin wash off immediately with soap and water

Consult a doctor if skin irritation persists.

After eye contact

In case of contact with the eyes, rinse immediately for at least 15 minutes with plenty of water.

Summon a doctor immediately.

After ingestion

Do not induce vomiting.

Summon a doctor immediately.

### 5. Fire-fighting measures

Suitable extinguishing media

compatible with all usual extinguishing media

Exposure hazard arising from the product, its combustion products or resulting gases

In the event of fire the following can be released:

Carbon monoxide (CO)

Carbondioxide (CO<sub>2</sub>)

Nitrogen oxides (NO<sub>x</sub>)

Additional information

Fire residues and contaminated firefighting medium must be disposed of in accordance with the local regulations.

Collect contaminated firefighting water separately, must not be discharged into the drains.

## **6. Accidental release measures**

### Personal precautions

- Ensure adequate ventilation.
- Use personal protective clothing.
- Use breathing apparatus if exposed to vapours/dust/aerosol.

### Environmental precautions

- Do not allow to enter drains or waterways
- In case of entry into waterways, soil or drains, inform the responsible authorities.

### Procedures for cleaning up

- Pick up with absorbent material (e.g. sand, sawdust, general-purpose binder).
- When picked up, treat material as prescribed under heading "Disposal".

## **7. Handling and storage**

### Handling

- Instructions for safe handling
- See chapter 8 / Personal protective equipment.

- Instructions for fire and explosion protection
- Not applicable.

### Storage

- Requirements for storage rooms and containers
- Keep container tightly closed and dry in a cool, well-ventilated place

- Combined storage instructions
- Keep away from food, beverages and animal feedstocks.

### Additional information regarding storage

- Protect from frost.
- Protect from heat and direct sunlight
- Protect from atmospheric moisture and water

## **\* 8. Exposure controls/personal protection**

### Personal protective equipment

- General protective and hygiene measures
- Take care for sufficient ventilation or exhaust on the workshop place.
- Avoid contact with eyes and skin
- Use barrier skin cream.
- Remove soiled or soaked clothing immediately.
- Do not eat, drink or smoke during work time.
- Wash hands before breaks and after work.

### Respiratory protection

- In case of insufficient ventilation.

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**\* 8. Exposure controls/personal protection (continued)**

Multi-purpose filter ABEK  
Class of vapour filter is depending on  
pollutant concentration on the scene.

Hand protection  
Butyl rubber/nitrile rubber gloves

Eye protection  
Tightly fitting safety glasses  
Face shield

Body protection  
Working clothes

**9. Physical and chemical properties**

Appearance

Physical state: liquid  
Colour: yellowish  
Odour: amine-like

Data relevant to safety

		Method
Flash point	> 101 °C	
Density at 20°C	1.03 g/cm <sup>3</sup>	
Viscosity at 23°C	30 s	6mm/ISO 2431

**10. Stability and reactivity**

Materials to avoid/dangerous reactions

No hazardous reactions when stored and handled according to  
prescribed instructions.

Thermal decomposition and hazardous decomposition products

No decomposition if used as prescribed.

**11. Toxicological information**

Sensitization

Sensitization/allergic reaction possible.  
Allergic reaction can may be observeed in sensitive persons, even  
on very low concentrations.

Experience on humans

When skin contact:  
Causes burns.

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#### 11. Toxicological information (continued)

When eyes contact:

Causes burns.

When inhalation:

Irritation.

When swallowed:

Causes burns.

#### 12. Ecological information

Additional information

Do not allow to enter waste water drain, waterways or soil.

#### 13. Disposal considerations

Product

Recommendations

Must be disposed of in a special waste disposal unit in accordance with the corresponding regulations.

See chapter 15, national regulations.

Packaging

Recommendations

Completely emptied packagings can be given for recycling.

Packaging that cannot be cleaned should be disposed of as product waste

#### \* 14. Transport information

ADR/RID

UN 1760 Class: 8 Packing group: III Class.code: C9

Proper shipping name

Corrosive liquid, n.o.s.

contains: Isophoronediamine, Xylylenediamine

Label No.: 8

IMO/IMDG

UN 1760 Class: 8 Packing group: III

EmS: 8-15

Marine pollutant: P

Proper shipping name

Corrosive liquid, n.o.s.

contains: Isophoronediamine, Xylylenediamine

Label No.: 8

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\* 14. Transport information (continued)

IATA/ICAO

UN 1760 Class: 8 Packing group: III

Proper shipping name

Corrosive liquid, n.o.s.

contains: Isophoronediamine, Xylylenediamine

Label No.: 8

**15. Regulatory information**

Labelling according to EEC Directive

The product is classified and labelled in accordance with EC directives/the relevant national laws.

Relevant hazardous ingredients for labelling

Contains: 2-piperazin-1-ylethylamine  
Benzyl alcohol  
3-aminomethyl-3,5,5-trimethylcyclohexylamine  
Trimethylhexamethylenediamine-1,6 cyanethylated  
M-phenylebis(methylamine)

Danger symbols

C Corrosive  
N Dangerous to environment

R phrases

20/21/22 Harmful by inhalation, in contact with skin and if swallowed.  
34 Causes burns.  
43 May cause sensitization by skin contact.  
51/53 Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

S phrases

24 Avoid contact with skin.  
26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.  
36/37/39 Wear suitable protective clothing, gloves and eye/face protection.  
45 In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible).

**\* 16. Other information**

asterisk (\*) on left margin marks modification of previous version

R-phrases of the ingredients listed in chapter 2

20/22 Harmful by inhalation and if swallowed.

21/22 Harmful in contact with skin and if swallowed.

22 Harmful if swallowed.

34 Causes burns.

35 Causes severe burns.

36/38 Irritating to eyes and skin.

43 May cause sensitization by skin contact.

50/53 Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

51/53 Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

52/53 Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

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