

# Safety Data Sheet

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

Date of printing: 05.07.2004

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Revised: 09.01.2006

SDS No.: 501

HAZARDOUS ACCORDING TO CRITERIA OF WORKSAFE AUSTRALIA

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

Product

Product name

**Sikafloor® HS 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 epoxy 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

· Xylene

1330-20-7                                      1 - 10%      Xn                                      10,20/21,38

## 3. Hazards identification

Hazards identification

Xi                      Irritant

Xn                      Harmful

Information on hazards to man and to the environment

10                      Flammable

20/21                      Harmful by inhalation and in contact with skin.

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

Remove to fresh air. If breathing is difficult give oxygen.

After skin contact

In case of contact with skin wash off immediately with plenty of 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.

Seek medical attention if irritation persists.

After ingestion

Do not induce vomiting.

Wash mouth with water and seek medical attention.

#### **5. Fire-fighting measures**

Suitable extinguishing media

Foam

Carbon Dioxide

Dry Chemicals

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>)

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 strong oxidizing agents, acids and alkalis.
- 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

- Use respirator Type (AS/NZS1716) Type A1 if ventilation is inadequate.

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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: thick paste  
Colour: beige  
Odour: mild odour

Data relevant to safety		Method
Flash point	> 100 °C	
Boiling Point	> 200 °C	
Density at 20°C	1.1 g/cm <sup>3</sup> approx.	
Solubility in water	insoluble	

**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 such as dermatitis or asthma like symptoms may be observed in sensitive persons, even on very low concentrations.

Experience on humans

When skin contact:  
Mild irritation and redness from prolonged contact.

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#### 11. Toxicological information (continued)

When eyes contact:

May cause eye irritation and redness. May be capable of causing corneal scarring.

When inhalation:

May cause irritation to nose and mucous membrane.

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 1263 Class: 3 Packing group: III Class.code: M6

Proper shipping name

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

contains: Epoxide resin

Label No.: 3

IMO/IMDG

UN 1263 Class: 3 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.: 3

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\* 14. Transport information (continued)

IATA/ICAO

UN 1263 Class: 3 Packing group: III

Proper shipping name

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

contains: Epoxide resin

Label No.: 3

**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)

Danger symbols

Xi Irritant

Xn Harmful

R phrases

10 Flammable

20/21 Harmful by inhalation and in contact with skin.

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.

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® HS 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.

- Modified amine adduct  
10 - 30 % C,N 20/22,34,43
- Xylene  
1330-20-7 10 - 30% Xn 10,20/21,38

## 3. Hazards identification

Hazards identification

C Corrosive

Xn Harmful

Information on hazards to man and to the environment

- 10 Flammable
- 20/22 Harmful by inhalation and in contact with skin.ns.
- 34 Causes burns
- 38 Irritating to skin
- 43 May cause sensitization by skin contact.

#### **4. First-aid measures**

##### General instructions

In any case show the physician the Safety Data Sheet

##### After inhalation

Remove to fresh air. If breathing is difficult give oxygen.

##### After skin contact

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

Seek medical attention if irritation persists.

##### After eye contact

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

Seek medical attention if irritation persists.

##### After ingestion

Do not induce vomiting.

Wash mouth with water and seek medical attention.

#### **5. Fire-fighting measures**

##### Suitable extinguishing media

Foam

Carbon Dioxide

Dry Chemicals

##### 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)

Carbon dioxide (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

- Store away from strong oxidizing agents, acids and alkali.
- 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.

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\* 8. Exposure controls/personal protection (continued) Respiratory protection  
In case of insufficient ventilation.

Use respirator AS/NZ1716 - Type A

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: beige

Odour: amine-like

Data relevant to safety

Method

Flash point > 100 °C

Boiling point > 100 °C

Density at 20°C 1.8 g/cm<sup>3</sup>

pH >12

Solubility in water insoluble

## 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 observed 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 inhaled:

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 packaging 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

Proper shipping name

Corrosive liquid, n.o.s.

contains: amines

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: amines

Label No.: 8

Product name: **Sikafloor® HS Part B**

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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: amines

Label No.: 8

**15. Regulatory information**

Labeling according to EEC Directive

The product is classified and labeled in accordance with

EC directives/the relevant national laws.

Relevant hazardous ingredients for labeling

Contains: Amines

Benzyl Alcohol

Danger symbols

C Corrosive

Xn Harmful

R phrases

10 Flammable

20/22 Harmful by inhalation and in contact with skin.ns.

34 Causes burns

38 Irritating to skin

43 May cause sensitization by skin contact.

S phrases

24 Avoid contact with skin.

26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

28 After contact with skin, wash immediately with plenty of soap and water.

36/37/39 Wear suitable protective clothing, gloves and eye/face protection.

\* 16. Other information

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

Recommended use: Chemical product for construction.

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.