

Safety Data Sheet

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

(see instructions in Annex to 93/112/EC)

Date of printing: 20.02.2003

Page: 1/7

Revised: 20.02.2003

SDS No.: 090B

HAZARDOUS ACCORDING TO THE CRITERIA OF WORKSAFE AUSTRALIA

1. Identification of the substance/preparation and company

Product

Product name

Sikadur®-42 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

· reaction product: bisphenol A-(epichlorhydrin)

epoxy resin (number average molecular weight \leq 700)

25068-38-6 > 60 % Xi,N 36/38,43,51/53

· oxirane, mono[(C12-14-alkyloxy)methyl]derivs.

68609-97-2 1 - 10 % Xi,N 38,43,51/53

3. Hazards identification

Hazards identification

Xi Irritant

N Dangerous to 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

* 4. First-aid measures (continued)

After inhalation

Ensure supply of fresh air.

In the event of symptoms take medical treatment.

After skin contact

Remove soiled or soaked clothing immediately, do not allow to dry.

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.

Seek immediate medical assistance.

After ingestion

Do not induce vomiting. Rinse mouth with water. Give a glass of water.

Summon a doctor immediately.

5. Fire-fighting measures

Suitable extinguishing media

foam

dry powder

carbon dioxide

water mist

Unsuitable extinguishing media for safety reasons

Full water jet

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)

Special protective equipment for fire-fighting

Use breathing apparatus.

Additional information

Cool containers with water spray jet.

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

In case of entry into waterways, soil or drains,
inform the responsible authorities.

Procedures for cleaning up

Pick up with absorbent material.

Pick up with absorbent material (e.g. sand, sawdust, general-purpose binder).

When picked up, treat material as prescribed under heading "Disposal".

Remove residues with small amount of alcohol-based solvent.

7. Handling and storage

Handling

Instructions for safe handling

See chapter 8 / Personal protective equipment.

Instructions for fire and explosion protection

Keep away from sources of ignition - no smoking.

Storage

Requirements for storage rooms and containers

Keep container tightly closed 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**

Exposure Standards

25068-38-6 None established Worksafe

68609-97-2 None established Worksafe

106-89-8 TWA: 2 ppm (similar or equal to: 7.6 mg/m³) Worksafe

Personal protective equipment

General protective and hygiene measures

Do not inhale vapours

Avoid contact with eyes and skin

Take care for sufficient ventilation or exhaust on the workshop place.

Do not eat, drink or smoke during work time.

Product name: **Sikadur®-42 Part A**

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* 8. Exposure controls/personal protection (continued)

Wash hands before breaks and after work.
Use barrier skin cream.
Remove soiled or soaked clothing immediately.

Respiratory protection
In case of insufficient ventilation.

Ori-nasal mask suitable for organic vapours.
Class of vapour filter is depending on
pollutant concentration on the scene.

Hand protection
Nitrile rubber gloves

Eye protection
Tightly fitting safety glasses

Body protection
protective clothing

9. Physical and chemical properties

Appearance

Physical state: liquid
Colour: colourless
Odour: characteristic

Data relevant to safety

	Method
Flash point	Not applicable
Density at 20°C	1.14 g/cm ³
Solubility in water at 20°C	insoluble
pH value at 20°C	6.8
Viscosity at 20°C	850 mPas

10. Stability and reactivity

Conditions to avoid

Not any known.

Materials to avoid/dangerous reactions

Hazardous reactions possible with:

Amines
Phenols
Acids
Alkalis

Thermal decomposition and hazardous decomposition products

No decomposition if used as prescribed.

*** 11. Toxicological information**

Sensitization

When skin contact:

Sensitization/allergic reaction possible.

Allergic reaction can may be observed in sensitized persons, even on very low concentrations.

Experience on humans

When skin contact:

Irritation.

When eyes contact:

Irritation.

When inhalation:

Irritation.

When swallowed:

Small amount may cause considerable health disorders.

Further toxicological information

For more-component products see also the safety-data-sheets of the other components.

12. Ecological information

Additional information

Product is water polluting.

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

From current information concerning hazardous substances, environmental effects cannot be claimed at this time.

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

Product name: **Sikadur®-42 Part A**

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14. Transport information

ADG/ADR/RID

UN No.: N/A Class: N/A Packing group: N/A
Proper shipping name
N/A
Label No.: 9

IMO/IMDG

UN No.: 3082 Class: 9 Packing group: III
Proper shipping name
Environmentally hazardous substance, liquid, n.o.s.
contains: Epoxide resin
Label No.: 9

IATA/ICAO

Further information
No dangerous goods.

* 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)
oxirane, mono[(C12-14-alkyloxy)methyl]derivs.

Danger symbols

Xi Irritant
N Dangerous to 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

2 Keep out of reach of children
24 Avoid contact with skin.
37 Wear suitable gloves.

Special labelling for certain preparations

Contains epoxy-containing compounds.
Observe manufacturer's instructions.

National regulations

Poisons Schedule (SUSDP) (AUS)
S5 Poison (contains epoxy resins)

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* 15. Regulatory information (continued)

Toxicity class 4 SFOPH T No.: 615084

Water hazardous class (WGK)

WGK 2

Brandklasse (CH)

4

Abfallcode und Abfallbezeichnung (CH)

DISPOSE AS SPECIAL WASTE: PAINT HAVING AN ORGANIC PHASE

(BASIS EPOXY RESIN).

* 16. Other information

Epoxy resins contain residual amounts, typically less than 10 ppm of Epichlorohydrin (CAS No. 106-89-8) as a result of the chemical reaction process in which they are made.

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

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Safety Data Sheet

according to 91/155/EEC and ISO 11014-1
(see instructions in Annex to 93/112/EC)

Date of printing: 24.02.2003

Page: 1/7

Revised: 24.02.2003

SDS No. 066A

HAZARDOUS ACCORDING TO THE CRITERIA OF WORKSAFE AUSTRALIA

1. Identification of the substance/preparation and company

Product

Product name

Sikadur®-42 Part B Normal

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

• Benzyl alcohol

100-51-6

30 - 60 %

Xn

20/22/22

• 3-aminomethyl-3,5,5-trimethylcyclohexylamine

2855-13-2

10 - 30 %

C

21/22,34,41,43

• 3,6-diazaoctanethylenediamin

112-24-3

10 - 30 %

C

21,34,43,52/53

• 2,4,6-tris(dimethylaminomethyl)phenol

90-72-2

1 - 10 %

Xi

36/38

* 3. Hazards identification

Hazards identification

C

Corrosive

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.

41

Risk of serious damage to eyes.

43

May cause sensitization by skin contact.

52/53

Harmful 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

* 4. First-aid measures (continued)

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.

Transport immediately to hospital.

After ingestion

Do not induce vomiting. Rinse mouth with water. Give a glass of water to drink.

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 (NO_x)

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

Remove persons to safety.

Ensure adequate ventilation.

Use personal protective clothing.

Use breathing apparatus if exposed to vapours/dust/aerosol.

Environmental precautions

In case of entry into waterways, soil or drains, inform the responsible authorities.

Procedures for cleaning up

Pick up with absorbent material.

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

Classified as combustible liquid - UN00Cl as per AS 1940.

Requirements for storage rooms and containers
Store in accordance with AS 1940.
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**

Exposure Standards

100-51-6	None established	Worksafe
2855-13-2	None established	Worksafe
112-24-3	None established	Worksafe
90-72-2	None established	Worksafe

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.

Hand protection
Butyl rubber/nitrile rubber gloves

Eye protection
Safety glasses

Body protection
Working clothes

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9. Physical and chemical properties

Appearance

Physical state: liquid
Colour: yellow
Odour: of ammonia

Data relevant to safety

		Method
Melting point	-35 °C	
Boiling point	277 °C	
Flash point	122 °C	Pensky Martens
Auto-ignition temperature	335 °C	
Vapour pressure at 20°C	< 0.01 kPa	
Density at 20°C	1.01 g/cm ³	
Solubility in water at 20°C	miscible	
pH value at 20°C (10g/100ml water)	12	
Viscosity at 20°C	30 mPas	

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 sensitized persons, even on very low concentrations.

Experience on humans

When skin contact:
Harmful effects.
When eyes contact:
May cause irritation.

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11. Toxicological information (continued)

When inhalation:

Harmful effects.

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.

Due to the high pH, aquatic organisms may be harmed.

From current information concerning hazardous substances, environmental effects cannot be claimed at this time.

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

ADG/ADR/RID

UN No.: 1760 Class: 8 Packing group: II

Proper shipping name

Corrosive liquid, N.O.S. *

contains: Triethylenetetramine

Label No.:

IMO/IMDG

UN No.: 1760 Class: 8 Packing group: II

EmS: 8-05

Proper shipping name

Corrosive liquid, N.O.S. *

contains: Triethylenetetramine

Label No.:

Product name: **Sikadur®-42 Part B Normal**

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14. Transport information (continued)

IATA/ICAO

UN No.: 1760 Class: 8 Packing group: II

Proper shipping name

Corrosive liquid, N.O.S. *

contains: Triethylenetetramine

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: 3,6-diazaoctanethylenediamin

Danger symbols

C Corrosive

R phrases

20/21/22 Harmful by inhalation, in contact with skin and if swallowed.

34 Causes burns.

41 Risk of serious damage to eyes

43 May cause sensitization by skin contact.

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

S phrases

2 Keep out of reach of children

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).

National regulations

Poisons Schedule (SUSDP) (AUS)

S5 Poison (contains > 20 % amines)

Toxicity law (CH)

Toxicity class 3 SFOPH T No.: 617363

Water hazardous class (WGK)

WGK 2

Brandklasse (CH)

4

Abfallcode und Abfallbezeichnung (CH)

DISPOSE AS SPECIAL WASTE: PAINT HAVING AN ORGANIC PHASE (BASIS AMINE).

Product name: **Sikadur®-42 Part B Normal**

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* 15. Regulatory information (continued)

Weitere Hinweise

Unfallmerkblatt Sika CH: 8

16. Other information

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Safety Data Sheet

according to 91/155/EEC and ISO 11014-1
(see instructions in Annex to 93/112/EC)

Date of printing: 04.09.2007

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SDS No. 129A

HAZARDOUS ACCORDING TO THE CRITERIA OF WORKSAFE AUSTRALIA

1. Identification of the substance/preparation and company

Product

Product name

Sikadur®-42 Part B Long Pot Life

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

· Solvent naphtha (petroleum), heavy arom., bp > 240 °C

64742-94-5

30 - 60 %

Xn

65

· Benzyl alcohol

100-51-6

10 - 30 %

Xn

20/22

· 3-aminomethyl-3,5,5-trimethylcyclohexylamine

2855-13-2

10 - 30 %

C

21/22,34,43,52/53

· 3,6-diazaoctanethylenediamin

112-24-3

10 - 30 %

C

21,34,43,52/53

· naphthalene

91-20-3

1 - 10 %

Xn

22,52/53

* 3. Hazards identification

Hazards identification

C

Corrosive

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.

52/53

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

65

May cause lung damage if swallowed.

4. First-aid measures

General instructions

In any case show the physician the Safety Data Sheet

4. First-aid measures (continued)

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.

Transport immediately to hospital.

After ingestion

Do not induce vomiting. Rinse mouth with water. Give a glass of water to drink.

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 (NO_x)

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

Remove persons to safety.

Ensure adequate ventilation.

Use personal protective clothing.

Use breathing apparatus if exposed to vapours/dust/aerosol.

Environmental precautions

In case of entry into waterways, soil or drains, inform the responsible authorities.

Procedures for cleaning up

Pick up with absorbent material.

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

Classified as combustible liquid - UN00Cl as per AS 1940.

Requirements for storage rooms and containers
Store in accordance with AS 1940.
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

Exposure Standards

91-20-3	10 ppm, TWA	Worksafe, 8/2005
91-20-3	15 ppm, STEL	Worksafe, 8/2005
100-51-6	None established	Worksafe
2855-13-2	None established	Worksafe
112-24-3	None established	Worksafe

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.

Hand protection
Butyl rubber/nitrile rubber gloves

Eye protection
Safety glasses

Body protection
Working clothes

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* 9. Physical and chemical properties

Appearance

Physical state: liquid
Colour: tan
Odour: Ammine-like

Data relevant to safety

Method

Flash point	> 95 °C	Pensky Martens
Density at 20°C	1.01 g/cm ³	
pH value at 20°C (10g/100ml water)	11.9	

* 10. Stability and reactivity

Materials to avoid/dangerous reactions

No hazardous reactions when stored and handled according to prescribed instructions.
Avoid storing with acids.

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 sensitized persons, even on very low concentrations.

Experience on humans

When skin contact:
Corrosive to skin. Causes burns.
May cause sensitization by skin contact.
When eyes contact:
Corrosive to eyes. Causes burns.

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11. Toxicological information (continued)

When inhalation:

Vapours may cause drowsiness and dizziness. May give off gas, vapour or dust that is very irritating or corrosive to the respiratory system. Harmful effects.

When swallowed:

Harmful if swallowed. Aspiration hazard if swallowed. Can enter lungs and cause damage. May cause burns to mouth, throat and stomach. Small amount may cause considerable health disorders.

12. Ecological information

Additional information

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

Due to the high pH, aquatic organisms may be harmed.

From current information concerning hazardous substances, environmental effects cannot be claimed at this time.

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

ADG/ADR/RID

UN No.: 1760 Class: 8 Packing group: III

Proper shipping name

Corrosive liquid, N.O.S. *

contains: Triethylenetetramine

Label No.:

IMO/IMDG

UN No.: 1760 Class: 8 Packing group: III

EmS: 8-05

Proper shipping name

Corrosive liquid, N.O.S. *

contains: Triethylenetetramine

Label No.:

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* 14. Transport information (continued)

IATA/ICAO

UN No.: 1760 Class: 8 Packing group: III

Proper shipping name

Corrosive liquid, N.O.S. *

contains: Triethylenetetramine

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: Isophoronediamine/Triethylenetetramine

Danger symbols

C Corrosive

R phrases

20/21/22 Harmful by inhalation, in contact with skin and if swallowed.

34 Causes burns.

41 Risk of serious damage to eyes

43 May cause sensitization by skin contact.

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

65 May cause lung damage if swallowed.

S phrases

2 Keep out of reach of children

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).

National regulations

Poisons Schedule (SUSDP) (AUS)

S5 Poison (contains > 20 % amines)

Toxicity law (CH)

Toxicity class 3 SFOPH T No.: 617363

Water hazardous class (WGK)

WGK 2

Brandklasse (CH)

4

Abfallcode und Abfallbezeichnung (CH)

DISPOSE AS SPECIAL WASTE: PAINT HAVING AN ORGANIC PHASE (BASIS AMINE).

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* 15. Regulatory information (continued)

Weitere Hinweise

Unfallmerkblatt Sika CH: 8

16. Other information

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

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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Safety Data Sheet

According to NOHSC:2011(2003)

Version: 1.0

Page: 1 of 4

Revised: 18 May 2007

MSDS No:222

CLASSIFIED AS HAZARDOUS ACCORDING TO NOHSC CRITERIA

1. Identification of the substance/preparation and company

Product:

Sikadur[®] 42 Part C

Recommended use:

Aggregate component for Sikadur 42 Epoxy Grout

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:

A blend of silica sand and inorganic pigments

Hazardous ingredients:

Ingredient	CAS No	Concentration
Silica sand	14808-60-7	>60%

3. Hazard identification

Hazard Category:

Xi Irritant

Risk Phrase(s)

R36/37/38: Irritating to eyes, respiratory system and skin.

R48/20: Harmful: risk of serious damage to health by prolonged exposure through inhalation.

Safety Phrase(s):

S22: Do not breathe dust.

S24/25: Avoid contact with skin and eyes.

S36/37/39: Wear suitable protective clothing, gloves and eye/face protection.

S38: In case of insufficient ventilation, wear suitable respiratory equipment.

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 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.



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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 material.

Special protective precautions and equipment:

Not combustible material. 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:

Not combustible, however, if material is involved in a fire use water fog (or if unavailable fine water spray), foam, dry agent (carbon dioxide, dry chemical powder).

6. Accidental release measures

Small Spills:

Wear protective equipment to prevent skin and eye contamination. Sweep up excess with a small amount of water to produce a flowable mortar. Ensure adequate ventilation and keep away from sources of ignition. Allow to set for 24 hours before disposal. Dispose of at an approved waste disposal site when cured.

Large spills:

Wear protective equipment to prevent skin and eye contamination and the inhalation of dust. Work up wind or increase ventilation. Sweep or vacuum up, but avoid generating dust. Collect and seal in properly labelled containers or drums for disposal. If contamination of sewers or waterways has occurred advise local emergency services.

7. Handling and storage

Handling:

Avoid skin and eye contact and inhalation of dust.

Storage:

Store in a cool, dry, well-ventilated place. Keep containers closed when not in use - check regularly for spills.

8. Exposure controls/personal protection

National occupational exposure limits:

Crystalline Silica	0.2mg/m ³	TWA
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Keep exposure to dust as low as practicable. If inspirable dust levels are kept below 2 mg/m³, health problems such as skin, eye and respiratory irritation will be minimized.

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.



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Engineering measures:

Avoid generating and inhaling dusts. Use with local exhaust ventilation or while wearing dust mask.

Personal protection equipment:

OVERALLS, SAFETY SHOES, SAFETY GLASSES, GLOVES, DUST MASK.

Wear overalls, safety glasses and impervious gloves. Avoid generating and inhaling dusts. If dust exists, wear dust mask/respirator meeting the requirements of AS/NZS 1715 and AS/NZS 1716. 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: powder
Colour: grey
Odour: almost odourless

Data relevant to safety:

Solubility:	Insoluble
Bulk Density(dry powder)	1700kg/m ³
Relative Vapour Density (air=1):	N App
Vapour Pressure (20 °C):	N App
Flash Point (°C):	N App
Flammability Limits (%):	N App
Autoignition Temperature (°C):	N App
Melting Point/Range (°C):	N App
Boiling Point/Range (°C):	N App
pH:	N App

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

10. Stability and reactivity

Chemical stability:

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

Conditions to avoid:

None reported..

Incompatible Materials:

No information available.

Hazardous decomposition products:

No information available.

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:



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Acute Effects:

Inhalation: Material is irritant to mucous membranes and respiratory tract.

Skin contact: Contact with skin will result in irritation.

Eye contact: 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.

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.

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 applicable.

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 Sika Australia Pty Ltd.

Reason(s) For Issue: New

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.