

Safety Data Sheet

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

Date of printing: 10.06.2003

Page: 1/6

Revised: 06.01.2003

SDS No.: 402

HAZARDOUS ACCORDING TO CRITERIA OF WORKSAFE AUSTRALIA

1. Identification of the substance/preparation and company

Product

Product name

Sika AnchorFix®-3 Part A

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

Telefax:

(02) 9725 3330

Emergency information phone:

1 800 033 111 (24 hours)

2. Composition/information on ingredients

Chemical characterization

Filled and modified epoxy-resin

Hazardous ingredients

Designation according to 67/548/EEC

CAS No. Concentration Danger symbols R phrases

EEC No.

- reaction product: bisphenol A-(epichlorhydrin)
epoxy resin (number average molecular weight <= 700)
25068-38-6 > 60 % Xi,N 36/38,43,51/53
500-033-5
- Methyl-toluenesulphonate
28804-47-9 1 - 10 % T 36/38,21,24,43
249-237-3
- Silane,dichlorodimethyl-,Reaction product with silica
68611-44-9 1 - 10 %
271-893-4

3. Hazards identification

Hazards identification

Xn Harmful

N Dangerous to environment

Information on hazards to man and to the environment

21 Harmful 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

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)

Carbon dioxide (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

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.

Product name: **Sika AnchorFix®-3 Part A**

Date of printing: 10.06.2003

Page: 3/6

Revised: 06.01.2003

SDS No.: 402

6. Accidental release measures (continued)

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

Substances having workplace related exposure values/limits which may require monitoring for assessment purposes

Designation of substance

CAS No. Type

Ref./Country/Year

· Silane, dichlorodimethyl-, Reaction product with silica

68611-44-9 MAK e

6 mg/m³ F

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.

Product name: **Sika AnchorFix®-3 Part A**

Date of printing: 10.06.2003

Page: 4/6

Revised: 06.01.2003

SDS No.: 402

8. Exposure controls/personal protection (continued)

Hand protection
Butyl rubber/nitrile rubber gloves

Eye protection
Safety glasses

Body protection
Working clothes

9. Physical and chemical properties

Appearance

Physical state: Viscous
Colour: white
Odour: slightly perceptible

Data relevant to safety

Method

Flash point	> 150 °C
Density at 20°C	1.41 g/cm ³
Solubility in water	insoluble
pH value at 20°C	approx. 7

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 sensitised persons, even on very low concentrations.

Experience on humans

When skin contact:
Harmful effects.
When eyes contact:
Harmful effects.

Product name: **Sika AnchorFix®-3 Part A**

Date of printing: 10.06.2003

Page: 5/6

Revised: 06.01.2003

SDS No.: 402

11. Toxicological information (continued)

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.

Gemäß der gültigen Abfallverzeichnis-Verordnung sind Abfälle

herkunftsbezogen der Abfallart zuzuordnen. Deshalb ist eine

eindeutige Festlegung einer Abfallschlüsselnummer nicht möglich.

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 N/A Class: N/A Packing group: N/A Class.code: N/A

Proper shipping name

N/A

Label No.: 9

IMO/IMDG

UN 3082 Class: 9 Packing group: III

Marine pollutant: *

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: epoxy resin

Danger symbols

Xn Harmful

N Dangerous to environment

R phrases

21 Harmful 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.

36/37 Wear suitable protective clothing and gloves.

Special labelling for certain preparations

Contains epoxy-resin.

National regulations

Toxicity law (CH)

Toxicity class 4 SFOPH T No.: 615084

Water hazardous class (WGK)

WGK 2

Brandklasse (CH)

4

Sch 5 (SUSDP - Australia)

Abfallcode und Abfallbezeichnung (CH)

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

16. Other information

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

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

Date of printing: 10.06.2003

Page: 1/6

Revised: 06.01.2003

SDS No. 403

HAZARDOUS ACCORDING TO CRITERIA OF WORKSAFE AUSTRALIA

1. Identification of the substance/preparation and company

Product

Product name

Sika AnchorFix®-3 Part B

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

Telefax:

(02) 9725 3330

Emergency information phone:

1 800 033 111 (24 hours)

2. Composition/information on ingredients

Chemical characterization

Filled and modified polyamine

Hazardous ingredients

Designation according to 67/548/EEC

CAS No. Concentration Danger symbols R phrases

EEC No.

- Nonylphenol
25154-52-3 10 - 30 % C,N 22,34,50/53
246-672-0
- 2-piperazin-1-ylethylamine
140-31-8 10 - 30 % C 21/22,34,43,52/53
205-411-0
- 2,4,6-tris(dimethylaminomethyl)phenol
90-72-2 1 - 10 % Xn 22,36/38
202-013-9

3. Hazards identification

Hazards identification

C Corrosive

N Dangerous to environment

Information on hazards to man and to the environment

22 Harmful 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)

Carbon dioxide (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

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.

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: Viscous
Colour: black
Odour: characteristic

Data relevant to safety

Flash point > 130 °C

Method

Density at 20°C 1.43 g/cm³

Product name: **Sika AnchorFix®-3 Part B**

Date of printing: 10.06.2003

Page: 4/6

Revised: 06.01.2003

SDS No. 403

9. Physical and chemical properties (cont)

Solubility in water insoluble

pH value at 20°C approx. 11

10. Stability and reactivity

Conditions to avoid

Not any known.

Materials to avoid/dangerous reactions

None known.

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 sensitised persons, even on very low concentrations.

Experience on humans

When skin contact:

Causes burns.

When eyes contact:

Causes burns.

When inhalation:

Harmful effects.

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.

Gemäß der gültigen Abfallverzeichnis-Verordnung sind Abfälle herkunftsbezogen der Abfallart zuzuordnen. Deshalb ist eine eindeutige Festlegung einer Abfallschlüsselnummer nicht möglich.

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 1760 Class: 8 Packing group: III Class.code: C9
Proper shipping name
Corrosive liquid, n.o.s.
contains: N-aminoethylpiperazine / nonylphenol
Label No.: 8

IMO/IMDG

UN 1760 Class: 8 Packing group: III
EmS: 8-15
Marine pollutant: *
Proper shipping name
Corrosive liquid, n.o.s.
contains: N-aminoethylpiperazine / nonylphenol
Label No.: 8

IATA/ICAO

UN 1760 Class: 8 Packing group: III
Proper shipping name
Corrosive liquid, n.o.s.
contains: N-aminoethylpiperazine / nonylphenol
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: Nonylphenol
2-piperazin-1-ylethylamine

Danger symbols

C Corrosive
N Dangerous to environment

R phrases

22 Harmful 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).

Product name: **Sika AnchorFix®-3 Part B**

Date of printing: 10.06.2003

Page: 6/6

Revised: 06.01.2003

SDS No. 403

15. Regulatory information (cont)

National regulations

Toxicity law (CH)

Toxicity class 3 SFOPH T No.: 617363

Water hazardous class (WGK)

WGK 3

Brandklasse (CH)

4

Sch 5 (SUSDP - Australia)

Abfallcode und Abfallbezeichnung (CH)

DISPOSE AS SPECIAL WASTE: PAINT HAVING AN ORGANIC PHASE

(BASIS AMINE).

16. Other information

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

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.