

Safety Data Sheet

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

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

Date of printing: 30.09.2002

Page: 1/5

Revised: 06.02.2001

SDS No.: 357

NOT CLASSIFIED AS HAZARDOUS ACCORDING TO THE CRITERIA OF WORKSAFE AUSTRALIA

1. Identification of the substance/preparation and company

Product

Product name

Sikafloor®-20 Purcem, 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

General information:

Emergency information phone:

1 800 033 111

2. Composition/information on ingredients

Chemical characterization

Modified polyol

3. Hazards identification

See chapter 11 and 12

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 (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.

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7. Handling and storage (continued) 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 Safety glasses Body protection Working clothes	
9. Physical and chemical properties Appearance Physical state: liquid Colour: various Odour: odourless Data relevant to safety Flash point	

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

Experience on humans

When skin contact:

May cause irritation.

When eyes contact:

May cause irritation.

When inhalation:

May cause irritation.

When swallowed:

May cause 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

ADG/ADR/RID

Further information

No dangerous goods.

IMO/IMDG

Further information

No dangerous goods.

IATA/ICAO

Further information

No dangerous goods.

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15. Regulatory information

Labelling according to EEC Directive

The product does not require a hazard warning label in accordance with EC directives/the relevant national laws.

National regulations

UK Legislation

Health and Safety at Work etc Act, 1974, and relevant Statutory Provisions.

SI 1993/1746: Chemicals (Hazard Information and Packaging) Regulations, 1993.

SI 1988/1657: The Control of Substances Hazardous to Health Regulations.

UK Guidance Publications

Approved Code of Practice - Management of Health and Safety at Work, HSE.

General Approved Code of Practice to COSHH Regulations, HSE.

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

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

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HAZARDOUS ACCORDING TO THE CRITERIA OF WORKSAFE AUSTRALIA

1. Identification of the substance/preparation and company

Product

Product name

Sikafloor®-20 Purcem, 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

General information:

Emergency information phone:

1 800 033 111

2. Composition/information on ingredients

Chemical characterization

Modified aromatic isocyanate

Hazardous ingredients

Designation according to 67/548/EEC

CAS No. Concentration Danger symbols R phrases

EEC No.

· Diphenylmethanediisocyanate, isomeres and homologues

9016-87-9

50 - 100 % Xn

20,36/37/38,42/43

3. Hazards identification

Hazards identification

Xn

Harmful

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.

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<p>4. First-aid measures (continued)</p> <p>Summon a doctor immediately.</p> <p>After ingestion</p> <p>Do not induce vomiting.</p> <p>Summon a doctor immediately.</p>	
<p>5. Fire-fighting measures</p> <p>Suitable extinguishing media</p> <p>compatible with all usual extinguishing media</p> <p>Exposure hazard arising from the product, its combustion products or resulting gases</p> <p>In the event of fire the following can be released:</p> <p>Carbon monoxide (CO)</p> <p>Carbondioxide (CO₂)</p> <p>Nitrogen oxides (NO_x)</p> <p>Additional information</p> <p>Fire residues and contaminated firefighting medium must be disposed of in accordance with the local regulations.</p> <p>Collect contaminated firefighting water separately, must not be discharged into the drains.</p>	
<p>6. Accidental release measures</p> <p>Personal precautions</p> <p>Ensure adequate ventilation.</p> <p>Use personal protective clothing.</p> <p>Use breathing apparatus if exposed to vapours/dust/aerosol.</p> <p>Environmental precautions</p> <p>Do not allow to enter drains or waterways</p> <p>In case of entry into waterways, soil or drains, inform the responsible authorities.</p> <p>Procedures for cleaning up</p> <p>Pick up with absorbent material (e.g. sand, sawdust, general-purpose binder).</p> <p>When picked up, treat material as prescribed under heading "Disposal".</p>	

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

· Diphenylmethanediisocyanate, isomeres and homologues

9016-87-9 MEL

0.02 mg/m3

HSE/EH40/UK

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.

Multi-purpose filter ABEK

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:	dark brown	
Odour:	characteristic	
Data relevant to safety		Method
Flash point	> 101 °C	
Density at 20°C	approx. 1.2 g/cm3	
Solubility in water	Reacts with water	
Viscosity at 25°C	approx. 200 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 observeed in sensitive persons, even on very low concentrations.		
Experience on humans		
When skin contact:		
Harmful effects.		
When eyes contact:		
Harmful effects.		
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.		

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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	Further information No dangerous goods.	
IMO/IMDG	Further information No dangerous goods.	
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: Diphenylmethanediisocyanate, isomeres and homologues	
Danger symbols	Xn Harmful	
R phrases	36/37/38 Irritating to eyes, respiratory system and skin. 20 Harmful by inhalation. 42/43 May cause sensitization by inhalation and skin contact.	
S phrases	23 Do not breathe gas/fumes/vapour/spray 36/37 Wear suitable protective clothing and gloves. 45 In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible).	

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<div> <div>15. Regulatory information (continued)</div> <div> <div> <div>Special labelling for certain preparations</div> <div>Contains isocyanates. Observe manufacturer's instructions.</div> </div> <div> <div>National regulations</div> <div> <div>UK Legislation</div> <div>Health and Safety at Work etc Act, 1974, and relevant Statutory Provisions.</div> <div>SI 1993/1746: Chemicals (Hazard Information and Packaging) Regulations, 1993.</div> <div>SI 1988/1657: The Control of Substances Hazardous to Health Regulations.</div> <div>SI No 2839 1991 Environmental Protection (Duty of Care) Regulations.</div> <div>SI No. 972/1996: The Special Waste Regulations 1996</div> </div> </div> </div> </div>
<div> <div>16. Other information</div> <div>asterisk (*) on left margin marks modification of previous version</div> </div>
<div> <div>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.</div> </div>

Safety Data Sheet

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HAZARDOUS ACCORDING TO THE CRITERIA OF WORKSAFE AUSTRALIA

1. Identification of the substance/preparation and company

Product

Product name

Sikafloor®-20 Purcem, Part C

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

General information:

Emergency information phone:

1 800 033 111

2. Composition/information on ingredients

Chemical characterization

Mixture of cements, aggregates and additives

Hazardous ingredients

Designation according to 67/548/EEC

CAS No.

Concentration

Danger symbols R phrases

EEC No.

• cement

65997-15-1

10 - 25 % Xi

41,37/38

266-043-4

• Quartz (SiO₂)

14808-60-7

50 - 100 %

238-878-4

3. Hazards identification

Hazards identification

Xi

Irritant

Information on hazards to man and to the environment

41

Risk of serious damage to eyes.

4. First-aid measures

General instructions

In any case show the physician the Safety Data Sheet

After inhalation

In case of irritation when dust is inhaled, provide for plenty of fresh air.

In the event of symptoms take medical treatment.

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<p>4. First-aid measures (continued)</p> <p>After skin contact In case of contact with skin wash off immediately with soap and water Consult a doctor if skin irritation persists.</p> <p>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.</p> <p>After ingestion Do not induce vomiting. Summon a doctor immediately.</p>		
<p>5. Fire-fighting measures</p> <p>Suitable extinguishing media water foam dry powder</p> <p>Unsuitable extinguishing media for safety reasons Not applicable.</p> <p>Exposure hazard arising from the product, its combustion products or resulting gases Carbon monoxide (CO) Carbondioxide (CO2) Nitrogen oxides (NOx)</p> <p>Special protective equipment for fire-fighting Use breathing apparatus.</p> <p>Additional information Product of itself does not burn. extinguishing measures to suit surroundings Fire residues and contaminated firefighting medium must be disposed of in accordance with the local regulations.</p>		
<p>6. Accidental release measures</p> <p>Personal precautions Avoid dust formation. Use breathing apparatus if exposed to vapours/dust/aerosol. Use personal protective clothing.</p> <p>Environmental precautions In case of entry into waterways, soil or drains, inform the responsible authorities.</p>		

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6. Accidental release measures (continued)

Procedures for cleaning up

Pick up mechanically

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.

Avoid dust formation.

Use only in well ventilated areas.

Instructions for fire and explosion protection

Not applicable.

Storage

Requirements for storage rooms and containers

Keep sacks tightly closed and dry, in a weather-proof place

Combined storage instructions

Keep away from food, beverages and animal feedstocks.

Additional information regarding storage

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

• cement

65997-15-1 OESTo.dust 10 mg/m3 HSE/EH40/UK

65997-15-1 OESre.dust 4 mg/m3 HSE/EH40/UK

• Quartz (SiO2)

14808-60-7 OESre.dust 0.3 mg/m3 HSE/EH40/UK

Personal protective equipment

General protective and hygiene measures

Do not inhale dust

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

Do not eat, drink or smoke during work time.

Wash hands before breaks and after work.

Use barrier skin cream.

Respiratory protection

Dust protection mask

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8. Exposure controls/personal protection (continued)		
Hand protection		
Nitrile rubber gloves		
Eye protection		
Safety glasses/face shield		
Body protection		
Working clothes		
9. Physical and chemical properties		
Appearance		
Physical state:		Powder
Colour:		whitish
Odour:		odourless
Data relevant to safety		Method
Flash point		not applicable
Loose bulk density		approx. 1.8 g/cm3
Solubility in water		insoluble
pH value at 20°C		> 10
10. Stability and reactivity		
Materials to avoid/dangerous reactions		
Hazardous reactions possible with:		
Acids		
Thermal decomposition and hazardous decomposition products		
No decomposition if used as prescribed.		
11. Toxicological information		
Sensitization		
When skin contact:		
Sensitization/allergic reaction possible.		
Experience on humans		
When skin contact:		
May cause irritation.		
When eyes contact:		
Irritation.		
May cause irreversible damage to eyes.		

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<div> <div>11. Toxicological information (continued)</div> <div> <div>When inhalation:</div> <div>Irritation.</div> <div>When swallowed:</div> <div>Small amount may cause considerable health disorders.</div> </div> </div>
<div> <div>12. Ecological information</div> <div> <div>Additional information</div> <div>Due to the high pH, aquatic organisms may be harmed.</div> <div>Do not allow to enter waste water drain, waterways or soil.</div> <div>Once cured, the product will unlikely have any adverse effect on the environment.</div> </div> </div>
<div> <div>13. Disposal considerations</div> <div> <div>Product</div> <div> <div>Recommendations</div> <div>Dispose of in accordance with local authority regulations.</div> <div>See chapter 15, national regulations.</div> </div> <div>Packaging</div> <div> <div>Recommendations</div> <div>Completely emptied packagings can be given for recycling.</div> <div>Packaging that cannot be cleaned should be disposed of as product waste</div> </div> </div> </div>
<div> <div>14. Transport information</div> <div> <div>ADG/ADR/RID</div> <div> <div>Further information</div> <div>No dangerous goods.</div> </div> <div>IMO/IMDG</div> <div> <div>Further information</div> <div>No dangerous goods.</div> </div> <div>IATA/ICAO</div> <div> <div>Further information</div> <div>No dangerous goods.</div> </div> </div> </div>

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15. Regulatory information

Labelling according to EEC Directive

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

Danger symbols

Xi Irritant

R phrases

41 Risk of serious damage to eyes.

S phrases

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

39 Wear eye/face protection.

16. Other information

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