

Safety Data Sheet

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

Date of printing: 18.03.2003

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Revised: 18.03.2003

SDS No.: 268A

HAZARDOUS ACCORDING TO THE CRITERIA OF WORKSAFE AUSTRALIA

1. Identification of the substance/preparation and company

Product

Product name

Sikafast 5211, Comp A

Recommended use

Sealants and adhesives/Elastic products

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:	Operations Manager
Emergency information phone:	1800 033 111

2. Composition/information on ingredients

Chemical characterization

Modified acrylates

Hazardous ingredients

Designation according to 67/548/EEC

CAS No. Concentration Danger symbols R phrases

- | | | | |
|---|-----------|----|----------|
| · Tetrahydro furfuryl methacrylate | | | |
| 2455-24-5 | 30 - 60 % | Xi | 36/37/38 |
| · Ethanol, 2,2'-[(4-methylphenol)imino]bis amine ethoxylate | | | |
| 3077-12-1 | 1 - 10 % | Xi | 41 |

3. Hazards identification

Hazards identification

Xi Irritant

Information on hazards to man and to the environment

36/37/38 Irritating to eyes, respiratory system and skin.

4. First-aid measures

General instructions

In any case show the physician the Safety Data Sheet

After inhalation

Ensure supply of fresh air.

Take medical treatment.

After skin contact

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

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4. First-aid measures (continued)

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

water
foam
carbon dioxide
dry powder

Unsuitable extinguishing media for safety reasons

Not applicable.

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)

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.

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.

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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".

Remove residues with small amount of alcohol-based solvent.

7. Handling and storage

Handling

Instructions for safe handling

Provide good ventilation of working area (local exhaust ventilation if necessary).

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 heat and direct sunlight

8. Exposure controls/personal protection

Personal protective equipment

General protective and hygiene measures

Do not inhale vapours

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.

Remove soiled or soaked clothing immediately.

Respiratory protection

In case of insufficient ventilation.

Dust protection mask with vapour filter

type A.

Class of vapour filter is depending on

pollutant concentration on the scene.

Hand protection

Rubber gloves

Eye protection

Tightly fitting safety glasses

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8. Exposure controls/personal protection (continued)

Body protection
protective clothing

9. Physical and chemical properties

Appearance

Physical state: Pasty
Colour: bluish white
Odour: characteristic

Data relevant to safety		Method
Decomposition temperature	> 200 °C	
Flash point	> 90 °C	
Density at 20°C	1.2 g/cm ³	
Solubility in water at 20°C	insoluble	
pH value at 20°C	approx. 7	
Viscosity at 20°C	approx. 4000 - mPas	

10. Stability and reactivity

Conditions to avoid

If the storage time and temperature is exceeded, it can cause polymerization

Materials to avoid/dangerous reactions

Reactions with peroxides and other radical components.
Hazardous reactions possible with:
Amines
Heavy metals

Thermal decomposition and hazardous decomposition products

No decomposition if used as prescribed.
Carbon monoxide and carbon dioxide
Possible in traces:
Nitrous gases

11. Toxicological information

Sensitization

Allergic reactions can be observed by sensitised persons.

Experience on humans

When skin contact:

11. Toxicological information (continued)

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 strongly water polluting.

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

Once cured, the product will unlikely have any adverse effect on the environment.

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.

Contaminated 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 good.

IMO/IMDG

Further information

No dangerous good.

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14. Transport information (continued)

IATA/ICAO

Further information

No dangerous good.

15. Regulatory information

Labelling according to 88/379/EEC

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

Danger symbols

Xi Irritant

R phrases

36/37/38 Irritating to eyes, respiratory system and skin.

S phrases

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

51 Use only in well-ventilated areas.

National regulations

S5 Poison (SUSDP - Australia)

Toxicity low (CH)

Toxicity class 4 SFOPH T No.: 615084

Water hazardous class (WGK)

WGK 3 (self-classification)

Brandklasse (CH)

3

Abfallcode und Abfallbezeichnung

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

16. Other information

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

The information contained in this Safety Data Sheet respects the actual status of knowledge at the date of publication. They do not imply any warranty. For warranty obligations the specific product descriptions and the General Sales Conditions are of relevance only.

Safety Data Sheet

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

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MSDS Ref No. : 373

HAZARDOUS ACCORDING TO THE CRITERIA OF WORKSAFE AUSTRALIA

1. Identification of the substance/preparation and company

Product

Product name

SikaFast®-5200 Part B

Manufacturer/supplier information

Manufacturer/supplier:

SIKA Australia Pty Ltd

Street/postbox:

55 Elizabeth Street

Town/City and Post Code:

Wetherill Park, N.S.W

Country:

Australia

Phone:

(02) 9725 1145

Telefax:

(02) 9725 3330

General information:

Operations Manager

Emergency information phone:

1 800 033 111 (AUS)

2. Composition/information on ingredients

Chemical characterization

Polymerisation initiator (Peroxides)

Hazardous ingredients

Designation according to 67/548/EEC

CAS No. Concentration Danger symbols R phrases

EEC No.

· dibenzoyl peroxide

94-36-0 10 - 30 % E,Xi 2,7,36,43

202-327-6

* 3. Hazards identification

Hazards identification

O Oxidizing

Xi Irritant

Information on hazards to man and to the environment

7 May cause fire.

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

In the event of symptoms take medical treatment.

After skin contact

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

4. First-aid measures (continued)

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

Keep away from sources of ignition - no smoking.

Vapours may form explosive mixtures with air

Take precautionary measures against electrostatic loading.

Keep away from combustible materials

Storage

Requirements for storage rooms and containers

Keep container tightly closed and dry in a cool, well-ventilated place

Combined storage instructions

Do not store together with oxidizing agents.

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

Safety glasses

Body protection

Working clothes

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9. Physical and chemical properties

Appearance

Physical state: Pasty
Colour: black
Odour: almost odourless

Data relevant to safety

Method

Decomposition temperature	> 60 °C	
Flash point	> 255 °C	(lowest volatile component)
Vapour pressure at 20°C	not determined	
Density at 20°C	1.4 g/cm ³	
Solubility in water	insoluble...20°C	
pH value at 20°C	not applicable	
Viscosity at 20°C	approx 4000 mPas	

10. Stability and reactivity

Conditions to avoid

To avoid thermal decomposition do not overheat

Materials to avoid/dangerous reactions

Hazardous reactions possible with:

Reducing agents

Acids

Thermal decomposition and hazardous decomposition products

Flammable gases/vapours

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:

May cause irritation.

When eyes contact:

May cause irritation.

When inhalation:

May cause irritation.

When swallowed:

May cause health disorders.

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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.

The European Waste Code numbers in force are based on the origin of waste and not on its chemical composition. At the actual status of knowledge the different kind of waste cannot be unambiguously related to the European Waste Code Numbers. Please contact the corresponding authority.

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: dibenzoyl peroxide

Danger symbols

O Oxidizing

Xi Irritant

R phrases

7 May cause fire.

43 May cause sensitization by skin contact.

* 15. Regulatory information (continued)

S phrases

- 3/7 Keep container tightly closed in a cool place.
24 Avoid contact with skin.
36/39 Wear suitable protective clothing and eye/face protection.
37 Wear suitable gloves.

National regulations

Toxicity law (CH)

S5 Poison (SUSDP) (AUS)

Toxicity class 4 SFOPH T No.: 618284

Water hazardous class (WGK)

WGK 1

Brandklasse (CH)

5

Abfallcode und Abfallbezeichnung (CH)

DISPOSE AS SPECIAL WASTE: CHEMICAL WASTE WHOSE QUALITATIVE COMPOSITION IS KNOWN: BENZOYLPEROXIDE ON INORGANIC FILLERS.

* 16. Other information

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

R-phrases of the ingredients listed in chapter 2

- 2 Risk of explosion by shock, friction, fire or other sources of ignition.
36 Irritating to eyes.
43 May cause sensitization by skin contact.

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.