

# Safety Data Sheet

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

Date of printing: 12.02.2003

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Revised: 06.01.2003

MSDS Ref No. : 372

## HAZARDOUS ACCORDING TO THE CRITERIA OF WORKSAFE AUSTRALIA

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

Product

Product name

**SikaFast®-5215 Part A**

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 (AUS)

Telefax:

(02) 9725 3330 (AUS)

General information:

Operations Manager

Emergency information phone:

1 800 033 111 (AUS)

### 2. Composition/information on ingredients

Chemical characterization

Adhesive based on ADP technology

Hazardous ingredients

Designation according to 67/548/EEC

CAS No. Concentration Danger symbols R phrases

EEC No.

• Tetrahydrofurfuryl-methacrylate

2455-24-5 30 - 60 % Xi 36/37/38

219-529-5

• zinc-dimethacrylate-

13189-00-9 1 - 10 % Xi 37/38,41

236-114-8

### 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

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 (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

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

Safety glasses

Body protection

Working clothes

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#### 9. Physical and chemical properties (continued)

##### Appearance

Physical state: Pasty  
Colour: milky white  
Odour: characteristic

##### Data relevant to safety

Flash point 99 °C

Solubility in water partly soluble

#### 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:

Irritation.

When eyes contact:

Irritation.

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.

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### 13. Disposal considerations (continued)

Contaminated packaging

Recommendations

Completely emptied packagings can be given for recycling.

### 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.

Danger symbols

Xi                      Irritant

R phrases

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

National regulations

S5 Poison            (SUSDP)            (AUS)

Toxicity law (CH)

Toxicity class 4                      SFOPH T No.: 615084

Water hazardous class (WGK)

WGK 2

Brandklasse (CH)

4

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#### **16. Other information**

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

R-Phrases of the ingredients listed in chapter 2

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

37/38 Irritating to respiratory system and skin.

41 Risk of serious damage to eyes.

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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## 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 (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

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 <sup>3</sup>	
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.

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