

Safety Data Sheet

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

Date of printing: 21.03.2005

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Revised: 28.09.2006

SDS No.: 023

CLASSIFIED AS HAZARDOUS ACCORDING TO THE CRITERIA OF WORKSAFE AUSTRALIA

1. Identification of the substance/preparation and company

Product

Product name

Sika®Firerate

Manufacturer/supplier information

Manufacturer/supplier:	Sika Australia
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:	Divisione tecnica
Emergency information phone:	1800 033 111 (24 hours)

2. Composition/information on ingredients

Chemical characterization

Filled, acrylic sealant

Hazardous ingredients

Designation according to 67/548/EEC

CAS No. Concentration Danger symbols R phrases

EC No.

- | | | |
|-------------------------------------|----------|-----|
| . Light Aromatic Petroleum Spirit | | |
| 64742-95-6 | < 1% | R45 |
| . Medium Aliphatic Petroleum Spirit | | |
| 64742-88-7 | < 1% | |
| . Quartz | | |
| 14808-60-7 | 30 - 60% | |
| . Sodium Borate | | |
| 1303-96-4 | 1 - 10% | |

3. Hazards identification

Hazards identification

Information on hazards to man and to the environment

R45 May cause cancer

4. First-aid measures

General instructions

In any case show the physician the Safety Data Sheet

After inhalation

Provide plenty of fresh air. If symptoms persist seek medical assistance.

After skin contact

In case of contact with skin wash off immediately with soap and water. Remove contaminated clothing and wash before reuse.

Consult a doctor if skin irritation persists

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4. First-aid measures (continued)

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.

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.

8. Exposure controls/personal protection

Exposure standards

TWA

Crystalline silica (respirable fraction)

under review

Sodium Borate

1mg/m3

Engineering Controls

General dilution ventilation. Avoid generating dust. Local extraction away from the operator at a face velocity of 20m/min when sanding or cutting the material with power tools.

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

Class of vapour filter is depending on pollutant concentration on the scene.

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: Paste
Colour: Grey/Green
Odour: characteristic

Data relevant to safety

Boiling point > 90 °C

Method

Specific gravity approx. 1.5 g/cm³

Solubility in water Micible

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 be harmful.

12. Ecological information

Additional information

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

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13. Disposal considerations

Packaging

Recommendations

Completely emptied packagings can be given for recycling.
Packaging containing remains of dangerous substances, as well as packagings disposed of remains can be unharmed eliminated in accordance with the regulations.

14. Transport information

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: 4,4-methylenediphenyl diisocyanate

Danger symbols

R phrases

45 May cause cancer

S phrases

23 Do not breathe gas/fumes/vapour/spray

24 Avoid contact with skin.

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16. Other information

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

Recommended use: Chemical product for construction and industry

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