

Safety Data Sheet

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

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

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SDS No.: 252

NOT CLASSIFIED AS HAZARDOUS ACCORDING TO THE CRITERIA OF WORKSAFE AUSTRALIA

1. Identification of the substance/preparation and company

Product

Product name

Sika® Waterbars

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

„Article“ consisting of plasticized PVC

3. Hazards identification

See chapter 11 and 12

4. First-aid measures

General instructions

In any case show the physician the Safety Data Sheet

Treat symptomatically.

After inhalation

During heat welding, fumes may cause irritation to respiratory tract.

Remove to fresh air. Seek medical advice if symptoms persist.

After skin contact

Molten PVC may cause burns to skin. Cool quickly with running water.

Do not attempt to remove. Seek medical advice.

After eye contact

In case of contact with the eyes, rinse immediately for at least 15 minutes with plenty of water. Lift eyelid to irrigate eyes.

Seek medical advice if symptoms persist.

After ingestion

Give plenty of water to drink. Seek medical advice.

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5. Fire-fighting measures

Suitable extinguishing media
water
foam
carbon dioxide
dry powder

Exposure hazard arising from the product, its combustion products or resulting gases

In the event of fire the following can be released:

Carbon dioxide (CO₂)

Hydrogen Chloride (HCl)

Carbon monoxide (CO)

Contain contaminated run-off waters for controlled disposal.

Special protective equipment for fire-fighting

Use full protective clothing and SCBA breathing apparatus if exposed to smoke or fumes.

6. Accidental release measures

Personal precautions

Not normally required.

Wear respirator or SCBA if fumes are present.

Procedures for cleaning up

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

No special storage requirements.

8. Exposure controls/personal protection

Exposure Standards

No values assigned for this specific material by Worksafe Australia.

However, exposure standards for thermal degradation products:

Hydrogen Chloride 5 ppm 7.5 mg/m³ (TWA ceiling, Worksafe)

Personal protective equipment

General protective and hygiene measures

Avoid contact with eyes and skin when molten.

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8. Exposure controls/personal protection (continued)

Take care for sufficient ventilation or exhaust in the workshop.
Wash hands before breaks and after work.

Respiratory protection

Not normally required if used in the open air or well-ventilated area.
In case of insufficient ventilation, wear respirator to AS 1715 / 1716 fitted with a cartridge suitable for hydrogen chloride.
The use of mechanical ventilation to remove fumes can be effective.
Use SCBA in confined spaces.

Hand protection

Molten PVC may cause burns to skin.
Wear suitable gloves.

Eye protection

Fumes from welding may cause eye irritation.
Wear suitable safety glasses / goggles.

Body protection

Working clothes fastened at the neck and wrists.

9. Physical and chemical properties

Appearance

Physical state: Flexible multi-ribbed profile
Colour: yellow
Odour: odourless

Data relevant to safety

Melting point 80 - 200 deg C

Flash point not applicable

Flammability not applicable

Density at 20°C Approx 1.3 g/m3

Solubility in water insoluble

pH value at 20°C not applicable

Method

10. Stability and reactivity

Conditions to avoid

Stable under normal conditions.

Product is not flammable but will decompose if involved in a fire or if strongly heated above 160 deg C.

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10. Stability and reactivity (cont)

Materials to avoid/dangerous reactions

No hazardous reactions when stored and handled according to prescribed instructions.

Avoid storing near strong oxidising agents, acids or in contact with organic solvents.

11. Toxicological information

Experience on humans

When skin contact:

Molten material may cause burns.

When eyes contact:

Fumes from welding or combustion may cause irritation.

When inhalation:

During heat welding, fumes may cause irritation to respiratory tract.

Material is resistant to physical deterioration and does not generate significant amounts of respirable dust from abrasion.

When ingested:

Unlikely to occur. Not considered a hazard.

12. Ecological information

Additional information

Product is inert and has low potential for bioaccumulation and no mobility in soil. It shows no evidence for biodegradability in water and can be removed in biological treatment processes.

Unlikely to be hazardous to aquatic life.

13. Disposal considerations

Product

Recommendations

Dispose of in accordance with local authority regulations.

Packaging

Recommendations

Dispose of packaging as per local requirements.

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

Not Scheduled as Poison (SUSDP) Australia

16. Other information

The product does not constitute a health hazard except during heat welding operations when toxic fumes containing hydrochloric acid will be emitted. Vinyl Chloride monomer is not formed during combustion.

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

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