



Safety Data Sheet

According to NOHSC:2011(2003)

Version: 3.0

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Revised: 21 March 2010

MSDS No: 023

NOT CLASSIFIED AS HAZARDOUS ACCORDING TO NOHSC CRITERIA

1. Identification of the substance/preparation and company

Product:

Sika Firerate

Recommended use:

Fire resistant joint sealant.

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

Fax:

(02) 9725 3330

General information

Operations Manager

Emergency information phone:

1800 033 111

2. Hazard identification

Hazard Category:

Risk Phrase(s): Not allocated

Safety Phrase(s): Not allocated

The product is not classified as hazardous and is also non dangerous goods.

3. Composition/information on ingredients

Chemical characterization:

Acrylic sealant

Hazardous ingredients:

	CAS No	Concentration
Acrylic polymer	64742-95-6	30 - 60%
Quartz	14808-60-7	10 - 30%

4. First-aid measures

Inhalation:

Remove victim from exposure - avoid becoming a casualty. Remove contaminated clothing and loosen remaining clothing. Allow patient to assume most comfortable position and keep warm. Keep at rest until fully recovered. Seek medical advice if effects persist.

Skin contact:

If skin or hair contact occurs, remove contaminated clothing and flush skin and hair with running water. If swelling, redness, blistering or irritation occurs seek medical assistance.

Eye contact:

If in eyes wash out immediately with water. In all cases of eye contamination it is a sensible precaution to seek medical advice.



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Ingestion:

If poisoning occurs, contact a doctor or Poisons Information Centre (Phone Australia 131 126, New Zealand 0800 764 766). Rinse mouth with water. If swallowed, do NOT induce vomiting. Give a glass of water to drink. Never give anything by the mouth to an unconscious patient. If vomiting occurs give further water. Seek medical advice.

Notes to physician:

Treat symptomatically.

5. Fire-fighting measures

Specific hazards:

Incomplete combustion can yield carbon monoxide and other hazardous fumes may be release when product burns.

Special protective precautions and equipment:

Fire fighters to wear self-contained breathing apparatus and suitable protective clothing if risk of exposure to vapour or products of combustion.

Suitable extinguishing media:

If material is involved in a fire use water fog (or if unavailable fine water spray), foam, dry agent (carbon dioxide, dry chemical powder).

6. Accidental release measures

Spills:

Wear protective equipment to prevent skin and eye contamination. Wipe up with absorbent (clean rag or paper towels). Collect and seal in properly labelled containers or drums for disposal. Prevent contamination of drains and waterways.

7. Handling and storage

Handling:

Avoid eye contact and repeated or prolonged skin contact. Use recommended personnel protective equipment. Work in well ventilated areas.

Storage:

Store in a cool dry area away from heat sources, oxidizing agents. Keep containers closed when not in use.

8. Exposure controls/personal protection

National occupational exposure limits:

No value assigned for this specific material by the NOHSC Australia. However the Australian exposure Standard for the component are the following

Chemical	Cas. No.	TWA ppm	TWA mg/m3	STEL ppm	STEL mg/m3
Acetaldehyde	75-07-0	20	36	50	91
Butyl acrylate	141-32-2	10	55		
Acrylonitrile	107-13-1	2	4.3		
Formaldehyde	50-00-0	1	1.2	2	2.5
Titanium dioxide	13463-67-7	10			
Crystalline silica	14808-60-7		0.1		

Biological Limit Values:

As per the "National Model Regulations for the Control of Workplace Hazardous Substances [NOHSC: 1005 (1994)]" the ingredients in this material do not have a Biological Limit Allocated.



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Engineering measures:

Natural ventilation should be adequate under normal use conditions. In confined spaces use local exhaust that will give sufficient face velocity away from the user to ensure that the exposure limits are not exceeded.

Personal protection equipment:

OVERALLS, SAFETY SHOES, SAFETY GLASSES, GLOVES.

Wear overalls, safety glasses and impervious gloves. Due to variations in glove construction and local conditions, the user should make an assessment of the appropriate gloves to use. Wash hands before smoking, eating, drinking or using the toilet. Wash contaminated clothing and other protective equipment before storing or re-using.

9. Physical and chemical properties

Appearance:

Physical state: Thixotropic paste
Colour: Grey
Odour: Characteristic

Data relevant to safety:

Solubility: Soluble in water.
Specific gravity 1.55
PH 7 - 9
VOC 31g/litre(Californian South coast air quality management rule 1168)

10. Stability and reactivity

Chemical stability:

This material is thermally stable when stored and used as directed.

Conditions to avoid:

None

Incompatible Materials:

Strong oxidizing agents.

Hazardous decomposition products:

Thermal decomposition may result in release of toxic gases and vapours.

Hazardous reactions:

Hazardous polymerisation will not occur.

11. Toxicological information

No adverse health effects expected if the product is handled in accordance with this Safety Data Sheet and the product label. Symptoms or effects that may arise if the product is mishandled and overexposure occurs are:

Acute Effects:

Inhalation: May cause irritation of nose throat and respiratory system.

Skin contact: Contact with un cured product may cause skin irritation.

Eye contact: May cause irritation, Dust may be abrasive due to silica content and maybe capable of corneal scarring.

Ingestion :Not considered a normal route of exposure. May cause irritation to nose and throat if in a Poorly ventilated area.



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Long Term Effects:

No information available for product.

Acute toxicity / Chronic toxicity:

No LD50 data available for the product.

12. Ecological information

Avoid contaminating waterways.

Ecotoxicity:

No information available.

Persistence and degradability:

No information available.

Mobility:

No information available.

13. Disposal considerations

Refer to State/Territory Land Waste Management Authority.

14. Transport information

ADG/ADR/RID

Not classified as Dangerous Goods by the criteria of the ADG Code.

IMDG

Not classified as Dangerous Goods by the criteria of the IMDG Code for transport by sea.

IATA

Not classified as Dangerous Goods by the criteria of the IATA Dangerous Goods Regulations for transport by air.

15. Regulatory information

Poisons Schedule (Aust):

Not scheduled.

All the constituents of this material are listed on the Australian Inventory of Chemical Substances (AICS).

16. Other information

Reason(s) For Issue: Revised

Material Safety Data Sheets are updated frequently. Please ensure that you have a current copy. MSDS may be obtained from the following website: www.sika.com.au

The information contained in this Safety Date 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.