



Safety Data Sheet

According to NOHSC:2011(2003)

Version: 1.0
Revised: 09 May 2007

Page: 1 of 5
MSDS No: 94

CLASSIFIED AS HAZARDOUS ACCORDING TO NOHSC CRITERIA

1. Identification of the substance/preparation and company

Product:

Sikaflex 852 FR

Recommended use:

Flame retardant 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. Composition/information on ingredients

Chemical characterization:

Filled reactive PUR-polymers

Hazardous ingredients:

Ingredients	CAS No	Concentration
Tris(methyl phenyl) phosphate	1330-78-5	1-10%
Tri phenyl phosphate	115-86-6	1- 10%
N,N –dibenzylidene polyoxypropylene diamine		1- 10%

3. Hazard identification

Hazard Category:

N Dangerous to environment

R Phrases

R51/53 Toxic to aquatic organisms.

4. First-aid measures

Inhalation:

Ensure supply of fresh air.
In the event of symptoms take medical treatment.

Skin contact:

If skin or hair contact occurs, remove contaminated clothing and flush skin and hair with running water.
Consult a doctor if irritation persists.

Eye contact:

If in eyes, hold eyelids apart and flush the eyes continuously with running water. Continue flushing until advised to stop by the Poisons Information Centre or a Doctor; or for at least 15 minutes and seek medical attention immediately.

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.



Safety Data Sheet

According to NOHSC:2011(2003)

Version: 1.0

Page: 2 of 5

Revised: 09 May 2007

MSDS No: 94

Notes to physician:

Treat symptomatically. Effects may be delayed.

5. Fire-fighting measures

Specific hazards:

In the event of fire oxides of carbon and nitrogen can be released.

Special protective precautions and equipment:

On burning may emit toxic fumes. 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

Small Spills:

Ensure adequate ventilation. 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.

Do not allow to enter drains or waterways.

In case of entry into waterways, soil or drains, inform responsible authorities.

7. Handling and storage

Handling:

Provide good ventilation in working area.

Keep away from sources of ignition.

Storage:

Store in a cool, dry, well-ventilated place and out of direct sunlight, frost atmospheric moisture and water. Store away from food, beverages and animal feedstock. Keep containers closed when not in use - check regularly for leaks.

8. Exposure controls/personal protection

National occupational exposure limits:

No value assigned for this specific material by the NOHSC Australia.

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.

Engineering measures:

Ensure ventilation is adequate to maintain air concentrations below Exposure Standards. Natural ventilation should be adequate under normal use conditions.

Personal protection equipment:

OVERALLS, SAFETY SHOES, CHEMICAL GOGGLES, GLOVES.

Wear overalls, chemical goggles 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. If risk of inhalation of exists, wear organic vapour/particulate respirator meeting the requirements of AS/NZS 1715 and AS/NZS 1716.



Safety Data Sheet

According to NOHSC:2011(2003)

Version: 1.0

Page: 3 of 5

Revised: 09 May 2007

MSDS No: 94

9. Physical and chemical properties

Appearance:

Physical state: Paste
Colour: Various
Odour: Characteristic

Data relevant to safety:

Solubility: Insoluble (reacts with water).
Specific Gravity (20 °C): 1.49
Vapour Pressure (20 °C): N Av
Flammability Limits (%): N Av

(Typical values only - consult specification sheet)
N Av = Not available

10. Stability and reactivity

Chemical stability:

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

Conditions to avoid:

Elevated temperatures and sources of ignition.
If product reacts with water within the sealed container it forms carbon dioxide and pressure may rise.
Reactions possible with amines, alcohol and water.

Hazardous decomposition products:

Oxides of carbon and nitrogen, smoke and other toxic fumes.

Hazardous reactions:

No information available.

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:

Sensitisation
Allergic reaction can occur with sensitive persons.

Inhalation: May cause irritation.

Skin contact: May cause irritation.

Eye contact: May cause irritation.

Ingestion:
May cause health disorders.

Long Term Effects:

No information available for product.

Acute toxicity / Chronic toxicity:

No information available.



Safety Data Sheet

According to NOHSC:2011(2003)

Version: 1.0
Revised: 09 May 2007

Page: 4 of 5
MSDS No: 94

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

UN. No.	3077
Dangerous Goods Class	9
Packing Group	III
Proper Shipping Name:	Environmentally hazardous substance contains : Diphenyl cresyl phosphate

IMDG

UN. No.	3077
Dangerous Goods Class	9
Packing Group	III
Proper Shipping Name:	Environmentally hazardous substance contains : Diphenyl cresyl phosphate

IATA

UN. No.	3077
Dangerous Goods Class	9
Packing Group	III
Proper Shipping Name:	Environmentally hazardous substance contains : Diphenyl cresyl phosphate

15. Regulatory information

Poisons Schedule (Aust):
Not scheduled.

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



Safety Data Sheet

According to NOHSC:2011(2003)

Version: 1.0

Page: 5 of 5

Revised: 09 May 2007

MSDS No: 94

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 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.