



MATERIAL SAFETY DATA SHEET

Issue date: 23rd August, 2007

1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

Product Name: FYRETHANE

Company: Tremco Pty Limited ABN 25 000 024 064
Address: Unit 1, 2 Park Road, Rydalmere, New South Wales, 2116
Contact Nos.: Telephone: (02) 9638 2755 Fax: (02) 9638 2955
Emergency Telephone: 1800 224 512 7am to 5pm Monday to Friday inclusive
Product Code: 245102 10L Pail
245105 600ml Sausage
245104 300ml Cartridge
Recommended Use: Joint Sealant

2. HAZARDS IDENTIFICATION

This material, or some of its components, is on the list of Designated Hazardous Substances [NOHSC:10005(1999)] without Risk and Safety Phrases. According to an assessment of health effects against the Approved criteria for Classifying Hazardous Substances {NOHSC: 1008(1999)}, no Risk and Safety Phrases are applicable.

Not classified as Dangerous Goods by the criteria of the Australian Dangerous Goods Code (ADG Code) for transport by Road and Rail.

Poisons Schedule (Aust): Not applicable

Emergency Overview

Light Grey viscous paste. No serious effects anticipated under normal conditions of use..

Acute Potential Health Effects/ Routes of Entry

Inhalation : No serious effects anticipated under normal conditions of use.
Eyes : Not applicable under normal conditions of use. Direct contact may cause temporary redness and discomfort.
Ingestion : No known adverse effects.
Skin : No effects anticipated.

Aggravated Medical Conditions

Pre-existing eye, skin and respiratory disorders may be aggravated by exposure.

3. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Name:	CAS Number:	Proportion:
Non-hazardous ingredients	-	100%

4. FIRST AID MEASURES

If poisoning occurs contact a doctor or the Poisons Information Centre on telephone number 131 126. Get immediate medical attention for any significant overexposure.

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 attention if effects persist.

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

Skin contact : If skin or hair contact occurs, remove contaminated clothing and flush skin and hair with running water. If irritation, rash or other disorders develop, get medical attention immediately.

Ingestion : Rinse mouth with water. If swallowed, do NOT induce vomiting. Give a glass of water to drink. If vomiting occurs give further water. Seek medical advice.

5. FIRE FIGHTING MEASURES

Hazchem Code: Not applicable
Flash point : Not available
Flammability limits: Not applicable
Autoignition temperature : Not available.

Extinguishing media : Non combustible, however, if material is involved in a fire use water fog, use carbon dioxide, dry chemical or foam.

Hazardous combustion Products : Non combustible. On decomposing may emit toxic fumes.

Protective equipment for Firefighters : Use accepted fire fighting techniques. Wear full Fire fighting protective clothing, including self-contained breathing apparatus (SCBA).

Fire and explosion conditions : This product not expected to ignite under normal conditions of use.

6. ACCIDENTAL RELEASE MEASURES

Small 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 for disposal.

Large Spills : Slippery when spilt. Avoid accidents, clean up immediately. Wear protective equipment to prevent skin and eye contamination and the inhalation of vapours. Work up wind or increase ventilation. Contain – prevent run off into drains and waterways. Use absorbent (soil, sand or other inert material). Collect and seal in properly labelled containers for disposal. If contamination of sewers or waterways has occurred advise local emergency services.

Dangerous Goods – Initial Emergency Guide : Not Applicable

7. HANDLING & STORAGE

Handle in conjunction with common hygienic practices. Avoid eye contact and repeated or prolonged skin contact. Clean hands thoroughly after handling. Store in a cool, dry well-ventilated place and out of direct sunlight. Keep containers closed when not in use and check regularly for leaks.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Personal protection equipment

- Respiratory protection : Not required under normal conditions of use. If risk of inhalation exists, wear organic vapour/particulate respirator meeting the requirements of AS/NZS 1715 and AS/NZS 1716.
- Hand protection : Protect hands with impervious gloves. Available information suggests that gloves made from polyvinyl alcohol (PVA) should be suitable for intermittent contact. However, due to variations in glove construction and local conditions, the user should make a final assessment.
- Eye protection : Generally not required under normal conditions of use. Use safety glasses if eye contact is likely.
- Skin and body protection : Always wash hands before smoking, eating, drinking or using the toilet. Wash contaminated clothing and other protective equipment before storing or re-using.
- Protective measures : Other equipment not normally required. Use professional judgment in the selection, care, and use.
- Engineering measures : Exposure to crystalline silica will only occur if the material is sanded, drilled or ground after it has cured. Ensure ventilation is adequate to maintain air concentrations below Exposure Standards. Avoid generating and inhaling dust. Use with local exhaust ventilation or while wearing dust mask.

Exposure Limits

No known components with exposure limits. However for Silica – crystalline :

TWA	ppm	-
	mg/m ³	0.1
STEL	ppm	-
	mg/m ³	-

Carcinogen Category -

As published by the National Occupational Health and Safety Commission (NOHSC Australia).

TWA: The time weighted average airborne concentration over an eight hour working day for a five day working week over an entire working life.

STEL: Short term exposure limit – the average airborne concentration over a 15 minute period which should not be exceeded at any time during a normal eight hour work day.

These exposure standards are guides to be used in the control of occupational health hazards. All atmospheric contamination should be kept to as low a level as is workable. The exposure standards should not be used as fine dividing lines between safe and dangerous concentrations of chemicals. They are not a measure of relative toxicity. If the directions for use on the product label are followed, exposure of individuals using the product should not exceed the above standard. The standard was created for workers who are routinely, potentially exposed during product manufacture.

Biological Limit Values : As per the National Model Regulations for the Control of Workplace Hazardous Substances [NOHSC: 1005 (1994)] the following ingredient in this material requires Health Surveillance:

Crystalline Silica

For detailed information see Guidelines for Health Surveillance [NOHSC: 7039 (1995)]

9. PHYSICAL AND CHEMICAL PROPERTIES

Form :	Smooth thick paste with acrylic odour
pH :	7-9
Vapour pressure :	Not available
Vapour density (air=1) :	Not available
Melting point/range :	Not applicable
Boiling point/range :	Not applicable
Water solubility :	Soluble in water
Specific Gravity (20°C):	1.6
Flash Point :	Not available
Flammability limits :	Not applicable
Autoignition temperature :	Not available

10. STABILITY AND REACTIVITY

Substances to avoid :	No information available
Conditions to avoid :	No information available
Stability :	Material is thermally stable under normal storage, handling and use
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 labels. Symptoms or effects that may arise if the product is mishandled and overexposure occurs are :

Acute Effects

Inhalation:	Material may be irritant to mucous membranes and respiratory tract.
Skin contact:	Repeated or prolonged skin contact may lead to irritation.
Eye contact:	Exposure to the product may cause discomfort due to particular nature. May cause physical irritation to the eyes.
Ingestion:	Swallowing can result in nausea, vomiting and irritation of the gastrointestinal tract.

Long Term Effects

No information available for the 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

Disposal Methods: Ensure waste disposal conforms to local waste disposal regulations making reference to State/Territory Land Waste Management Authority.

14. TRANSPORT INFORMATION

Not classified as Dangerous Goods by the criteria of :
Road and Rail Transport – the Australian Dangerous Goods Code (ADG)
Marine Transport – the International Maritime Dangerous Goods Code (IMDG)
Air Transport – the International Air Transport Association (IATA)

15. REGULATORY INFORMATION

Poisons Schedule (Australia) : Not applicable
All the constituents of this material are listed on the Australian Inventory of Chemical Substances (AICS).

16. OTHER INFORMATION

For Industrial Use only. Keep out of reach of children. The hazard information herein is offered solely for the consideration of the user, subject to their own investigation of compliance with applicable regulations, including the safe use and storage of the product under every foreseeable condition.

Website: www.tremco.com.au

The information sourced for the preparation of this document was correct and complete at the time of writing or to the best of the writer's knowledge. The document represents the commitment to the company's responsibilities surrounding the supply of this product undertaken in good faith. This documents should be taken as a safety guide for the product and its recommended uses but is in no way an absolute authority.