

# MATERIAL SAFETY DATA SHEET

## Brushable Seam Sealer

Issue Date: 23<sup>rd</sup> November 1999

Re-issued: 1<sup>st</sup> July 2000

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### STATEMENT OF HAZARDOUS NATURE

Classified as hazardous according to criteria of Worksafe Australia

### COMPANY DETAILS

**Company:** Tremco Pty Limited  
**Address:** UNIT 1, 2 Park Rd, RYDALMERE NSW 2116  
**Telephone no:** 02 96382755  
**Facsimile no:** 02 96382955  
**Emergency Telephone no:** 1800224512 (business hours only)

### IDENTIFICATION

**Product Name:** Brushable Seam Sealer  
**Other Names:** None used  
**UN Number:** 1287  
**Dangerous Goods Class:** 3  
**Hazchem Code:** 3[Y]  
**Poisons Schedule Number:** Scheduled 5  
**Packing Group:** III

**Use:** Used to seal seams in the automotive repair business.

### Physical Description/Properties

**Appearance:** Viscous dark grey paste  
**Melting Point:** Not established  
**Boiling Point:** Not Established  
**Vapour Pressure:** 15 Kpa  
**Specific Gravity:** > 1.2 g/ml  
**Flashpoint:** < 38°C  
**Flammability Limits:** LEL 1.3% v/v, UEL Not Established  
**Solubility in water:** Not Soluble

### Ingredients

Chemical Name:	CAS Number:	Proportion:
Toluene	108-88-3	30-50%
Xylene	1320-20-7	<10%
MEK	78-93-3	<10%
Silica as quartz	14808-60-7	10-30%

Plus ingredients that are non-hazardous to 100%

**HEALTH HAZARD INFORMATION**

**Health Effects:**

**Acute:**

- Swallowed: Ingestion can result in vomiting and nausea. Maybe harmful if swallowed.
- Eye: An eye irritant. Maybe harmful to eyes.  
Dust may be abrasive and irritating to the eyes due to silica content and may be capable of corneal scarring.
- Skin: Contact with skin may result in irritation. Will have a degreasing effect on skin. Repeated or prolonged contact may lead to irritation or dermatitis
- Inhaled: Overexposure to vapours in poorly ventilated areas will cause irritation of the nose, throat and respiratory tract and may cause dizziness, headaches, nausea or unconsciousness. Inhalation of high concentrations can produce central nervous system depression which can lead to loss of co-ordination, impaired judgement and, if exposure is prolonged, unconsciousness and possibly death.
- Chronic:** Long term overexposure to solvents may lead to liver and kidney damage.  
Chronic effects caused by overexposure to respirable dust due to silica content, may cause coughing , wheezing, difficulty in breathing and impaired pulmonary function. Chronic symptoms include decreased vital capacity and chest infections. Chronic exposure may cause silicosis, a disabling form of pneumoconiosis (accumulation of dust in the lungs - confirmable by X-ray) which leads to fibrosis (scarring of the lining of the air sacs in the lungs) and increased risk of tuberculosis. As the product is a thick paste this is an unlike route of exposure. CARE SHOULD BE TAKEN IF DRIED PRODUCT IS SANDED.

**First Aid:**

- Swallowed: If swallowed, rinse mouth thoroughly with water. Give plenty of water to drink. DO NOT induce vomiting. Seek medical attention immediately.
- Eye: If in eye, irrigate immediately with copious amounts of water for 15 minutes. Seek medical attention.
- Skin: Wash contact area with soap and water. Remove contaminated clothing. Launder before re-use. If irritation persists seek medical attention.
- Inhaled: Remove patient to fresh air. Remove clothing if contaminated. Restore breathing if necessary. Seek medical attention if required.
- First Aid Facilities: Eyewash facility and general wash area should be accessible.
- Advice to Doctor: Treat symptomatically.

**PRECAUTIONS FOR USE**

**Exposure Standards:** WorkSafe Australia Exposure Standard

Toluene	TLV TWA : 100ppm (377mg/m <sup>3</sup> )
Toluene	TLV STEL : 150ppm (565mg/m <sup>3</sup> )
Xylene	TLV TWA : 80ppm (350mg/m <sup>3</sup> )
Xylene	TLV STEL : 150ppm (655mg/m <sup>3</sup> )
MEK	TLV TWA : 200ppm (754mg/m <sup>3</sup> )

No value assigned to any other components.

TWA Time Weighted Average airborne concentration over an 8 hour working day, for a 5 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 8 hour working day. According to current knowledge these concentrations should neither impair the health of, nor cause undue discomfort to, nearly all workers.

**Engineering Controls:** Local exhaust ventilation preferred. Provide ventilation to control contaminant levels below airborne exposure limits. A flame proof ventilation system is required. Avoid generating dust.

**Personal Protection:** Avoid breathing vapours. Wear safety overalls, safety glasses and PVC gloves. If airborne exposure limits are likely to be exceeded, wear organic vapour respirators. Ensure that cartridges are correct for the potential air contamination and are in good working order and comply with AS1715 (selection, use and maintenance of respirators) and AS1716 (respiratory protective devices). Always wash hands before smoking, eating, drinking or using the toilet.

**Flammability:** Flammable. Classified as a CLASS 3 (flammable) liquid. All potential sources of ignition, (open flames, pilot lights, welding equipment, spark producing switches and electrical equipment etc.), must be eliminated both in and near the work area. DO NOT SMOKE.

<b>SAFE HANDLING INFORMATION</b>
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Dangerous Goods Class:	3
Un Number:	1287
Correct Shipping Name:	Rubber solution
Packing Information:	III

Storage and Transport:	Store in a cool, dry place do not store over 50 C. Keep away from all sources of ignition. Keep containers tightly sealed when not in use. Transport according to Australian Dangerous Goods Code for Road and Rail Transport.
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Spills and Disposal:	Remove all ignition sources from the area and keep people away. Spill should be prevented from entering waterways. Avoid breathing the vapour and ventilate enclosed spaces. Breathing apparatus should be worn if any risk of overexposure. Recover the spilt material using absorbent material e.g sand, earth or sawdust. Dispose of in accordance to Local, State and Federal regulations as a solvent containing waste material.
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Fire/Explosion Hazard:	Wear self-contained breathing apparatus. Carbon Monoxide and Carbon Dioxide are combustion by-products. Extinguishing media - Foam, Carbon Dioxide or dry chemical powder. Vapours are heavier than air and may collect in depressions. Vapours may travel to the source of ignition.
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Hazardous Decomposition:	Incomplete combustion can yield low molecular weight hydrocarbons, carbon monoxide and other hazardous products combustion.
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<b>OTHER INFORMATION</b>
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Hazardous polymerisation will not occur.

**Contact Point:** The OHS&E Officer

**Telephone no:** 1800224512 (business hours)

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