

MATERIAL SAFETY DATA SHEET

Proglaze I

Date reviewed: 4th January 2000

Re-issue date: 1st July, 2000

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STATEMENT OF HAZARDOUS NATURE

Not classified as hazardous according criteria of Worksafe Australia.

COMPANY DETAILS

Company: Tremco Pty Limited
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Emergency Telephone no: 1800224512 (business hours only)

PRODUCT IDENTIFICATION

PRODUCT NAME: Proglaze I
U.N. NO: Not regulated
HAZCHEM CODE: Not regulated
CORRECT SHIPPING NAME: Not regulated
DANGEROUS GOODS CLASS/AND SUBSIDIARY RISK: Not regulated
PACKAGING GROUP: Not regulated
POISONS SCHEDULE: Not regulated

RECOMMENDED USE: Silicone sealant (acetic acid cure) for a wide range of general purpose caulking and glazing applications. Applied out of a cartridge. Acetic acid is released during curing in moist air. The maximum that can be released is 3.4% by weight.

TYPICAL PHYSICAL DATA

Appearance: Black paste.
Odour: Acetic acid.
Boiling Point (°C): Not relevant.
Vapour Pressure: Not relevant.
Specific Gravity: 1.0 approx.
Flash Point (°C): >149C
Flammability Limits: Not relevant.
(% by vol)
Solubility in Water: Negligible
pH: Not available
Percent Volatiles (by wt.): 3.5

TYPICAL COMPOSITIONAL INFORMATION

Chemical entity	CAS No.	Proportion
Silicone polymer	TS	80-85%
Silica	112945-52-5	10.0-15.0%
Methyltriacetoxysilane	4253-34-3	1.0-5.0%
Titanium dioxide	13463-67-7	0.0-5.0%
Ethyltriacetoxysilane	17689-77-9	1.0-3.0%
Dimethyl polysiloxane	[63148-62-9]	0.0-1.0%

HEALTH HAZARD INFORMATION

HEALTH EFFECTS

Ingestion:	Can cause irritation to the gastrointestinal tract.
Eye:	Can cause irritation.
Skin:	Can cause irritation.
Inhalation:	Can cause headache, dizziness and irritation to the respiratory system.
Chronic exposure effects:	Overexposure to acetic acid can cause conjunctivitis, bronchitis, pharyngitis and erosion of exposed teeth. Fillers are encapsulated and are not expected to be released from product under normal use.

FIRST AID

Ingestion:	Obtain medical advice and attention immediately. Allow person to vomit naturally.
Eye:	Flush immediately with copious amounts of running water, while holding the eyelids open, for 15 minutes or until irritation subsides. Seek medical advice immediately.
Skin:	Remove any contaminated clothing and flush area with water. Use soap and water or proprietary handcleaner if available. If irritation, rash or other disorders develop seek medical attention.
Inhalation:	Remove person to fresh air. Avoid further overexposure. If symptoms persist seek medical attention. If breathing stopped, give artificial respiration. Keep person calm and obtain medical attention immediately.
Advice to doctor:	If swallowed treat as for acetic acid.

PRECAUTIONS FOR USE

Exposure Limits:	None assigned. TWA for acetic acid is 10ppm or 25 mg/m ³ .
Ventilation:	Always provide adequate ventilation.
Personal protection:	Avoid contact of product with skin and eyes. Wear chemically resistant gloves (insoluble plastic or insoluble rubber) (Australian Standard 2161) and protective clothing to prevent skin contact. Wash hands thoroughly after handling. Wash thoroughly after handling. Do not smoke or eat until after washing. In non-emergency situations where inhalation risk of overexposure exists, wear Standards Association of Australia (SAA) approved (AS 1716) respirators, suitable for organic vapours. Correct fit is essential to obtain adequate protection. For confined spaces or emergencies involving very high concentrations use SAA approved self contained breathing apparatus (SCBA). In non-emergency situations where ventilation is not adequate respirators with organic vapour canisters should be used. For emergencies involving very high concentrations use supplied air breathing equipment.
Flammability:	Non flammable.

STORAGE AND TRANSPORT

Storage and Transport: This product is not classified as a dangerous good under the provisions of the "Australian Code for the Transport of Dangerous Goods by Road and Rail". Store in a cool, dry place between 5° and 25° C. Keep away from all sources of ignition.

Reactivity Data

Stability: Stable

Materials to avoid: Water

Hazardous decomposition products:

Thermal decomposition, see Fire Hazard. Hazardous polymerisation will not occur.

SPILLS & DISPOSAL:

Recover free material. Add absorbent (sand, earth, sawdust etc.) to spill area. Avoid breathing vapours. Ventilate enclosed spaces. Or allow material to solidify and then remove. Do not allow product to enter streets, sewers or waterways. Assure conformity with applicable disposal regulations. Dispose of material at an approved disposal site or facility.

FIRE/EXPLOSION HAZARD

Flammability: Non flammable.

Extinguishing media: Use foam, dry chemical or halone to fight fires. Use water spray to cool fire exposed surfaces and to protect personnel. Minimise breathing gases, vapour, fumes or decomposition products. Use self contained breathing apparatus for enclosed areas.

Hazardous Decomposition: Fumes and smoke. Carbon monoxide, in the case of incomplete combustion.

Contact Point: OHS&E Officer

Telephone no: 1800224512 (business hours)

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