



MATERIAL SAFETY DATA SHEET

Issue date: 1ST September, 2010

1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

Product Name: EZY SEAL WINDOW & GLASS

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 Phone: 1800 224 512 7am to 5pm Monday to Friday inclusive
Product Code: 315123 Clear 300g Cartridge
Recommended
Use: Silicone Sealant
Manufacturer's Product
Code: Glazing & weatherproofing
Proper Shipping
Name: None

2. HAZARDS IDENTIFICATION

CLASSIFIED AS NON-HAZARDOUS ACCORDING TO THE CRITERIA OF
WORKSAFE AUSTRALIA

Safety Phrases: S2 Keep out of the reach of children
S24/25 Avoid contact with skin and eyes
S51 Use only in well ventilated areas

Risk Phrases: Not hazardous – none determined

Hazchem Code: Not applicable

Poisons Schedule: Not applicable

Emergency Overview

Paste.

Acute Potential Health Effects/ Routes of Entry

Inhalation : Irritates respiratory passages very slightly..

Eyes : Direct contact may cause moderate irritation.

Ingestion : Low ingestion hazard in normal use

Skin : May cause moderate irritation.

Chronic Health Effects

Inhalation : No known applicable information.

Ingestion : Repeated ingestion or swallowing large amounts may injure internally

Skin : No known applicable information.

Mutagenic Effects

None known

Reproductive Effects

Octamethylcyclotetrasiloxane

Carcinogenic Effects

None known

Other Health Hazard Information

No known applicable information

The above listed potential effects of overexposure are based on actual data, the results of studies performed upon similar compositions, component data and/or expert review of the products.

3. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Name	CAS Number	Proportion %
Dimethyl siloxane, hydroxy-terminated	70131-67-8	>60%
Silica amorphous	7631-86-9	<10%
Ethyltriacetoxysilane	17689-77-9	<10%
Methyltriacetoxysilane	4253-34-3	<10%
Octamethylcyclotetrasiloxane	556-67-2	<1%

Ingredients determined not to be hazardous to 100%

4. FIRST AID MEASURES

Get immediate medical attention for any significant overexposure.

Inhalation : No first aid should be needed.

Eye contact : Immediately flush with water for at least 15 minutes while holding eye lids apart. Get medical attention.

Skin contact : Clean area of contact thoroughly using soap and water or waterless cleanser. If irritation or other ill effects develop or persist get medical attention.

Ingestion : Get medical attention. Call nearest Poisons Information Centre (Ph: 13 11 26 in all states).

First Aid Facilities

Provide normal industrial first aid facilities including eye-wash stations and safety showers as appropriate.

Note to Doctor

Treat symptomatically

5. FIRE FIGHTING MEASURES

Flash point :	Not applicable
Flammable limits:	
Lower:	Not determined
Upper:	Not determined
Suitable Extinguishing Media:	On large fires use dry chemical, foam or water spray. On small fires use Carbon Dioxide (CO ₂), dry chemical or water spray. Water can be used to cool fire exposed containers.
Unsuitable Extinguishing Media:	None established
Unusual Firefighting Hazards:	None
Hazards from Combustion Products:	Carbon oxides and traces of incompletely burned carbon compounds. Silicon dioxide. Formaldehyde. Metal oxides.
Precautions for Fire Fighters and Special Protective Equipment:	Determine the need to evacuate or isolate the area according to your local emergency plan. Use water spray to keep fire exposed containers cool. Self-contained breathing apparatus and protective clothing should be worn in fighting large fires involving chemicals.
Hazchem Code:	Not applicable

6. ACCIDENTAL RELEASE MEASURES

<u>Personal Precautions:</u>	Avoid skin and eye contact. Do not take internally.
<u>Environmental Precautions:</u>	Do not allow large quantities to enter drains or surface waters.
<u>Methods & Materials for Containment and Clean Up Procedures:</u>	Observe all personal protective equipment

recommendations described in this MSDS. If diked, material can be pumped, store recovered material in appropriate container. Wipe up or scrap up and contain for salvage disposal. Clean area as appropriate since some silicone materials, even in small quantities, may present a slip hazard. Final cleaning may require use of steam, solvents or detergents. Dispose of saturated absorbent or cleaning materials appropriately, since spontaneous heating may occur. Laws and regulations may apply to releases and disposal of this material, as well as those materials and items employed in the cleanup of releases. You will need to determine which laws and regulations are applicable.

7. HANDLING & STORAGE

Precautions for Safe

Handling:

Use with adequate ventilation. Product evolves acetic acid (HOAc) when exposed to water or humid air. Provide ventilation during use to control HOAc exposures within guidelines or use respiratory protection. Avoid skin and eye contact. Do not take internally. Remove contaminated clothing immediately. Exercise good industrial hygiene practice. Wash after handling, especially before eating, drinking or smoking.

Conditions for Safe

Storage:

Use reasonable care and store away from oxidizing materials. Keep container closed and store away from water or moisture.

Unsuitable Packaging

Materials:

None established

Keep out of reach of children.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure Standards:

Ingredients Exposure Limits

Dimethyl siloxane, hydroxy-terminated	None established
Silica, amorphous Australa	TWA 2mg/m ³
Observe particulate limits OSHA PEL:	TWA 15mg/m ³ total dust, 5mg/m ³ Respirable fraction. ACGIH TLV TWA

Ethyltriacetoxysilane	10mg/m ³ inhalable particulate, 3mg/m ³ respirable particulate
Methyltriacetoxysilane	See Acetic Acid comments
Polydimethylsiloxane	See Acetic Acid comments
	None established

Acetic Acid is formed upon contact with water or humid air. Provide adequate ventilation to control exposures within guidelines of :

OSHA PEL	TWA 10 ppm
ACGIH TLV	TWA 10 ppm, STEL 15 ppm

Engineering Controls

Local exhaust:	None should be needed
General ventilation:	Recommended

Personal Protective Equipment

Respiratory:	No respiratory protection should be needed.
Suitable Respirator:	None should be needed
Hand:	Chemical protective gloves should be worn
Eye:	Use chemical worker's goggles
Skin:	Wash at mealtime and end of shift. Contaminated clothing and shoes should be removed as soon as practical and thoroughly cleaned before reuse. Chemical protective gloves are recommended
Personal Hygiene:	Exercise good industrial hygiene practice. Wash after handling, especially before eating, drinking or smoking.

Note: These precautions are for room temperature handling. Use at elevated temperature or aerosol/spray applications may require added precautions.

9. PHYSICAL AND CHEMICAL PROPERTIES

Form :	Paste
Colour :	Clear
Odour :	Acetic acid odour
pH :	Not determined
Vapour pressure :	Not determined
Vapour density :	Not determined
Melting point/range :	Not determined
Water solubility :	Not determined
Specific Gravity :	1.03 (25°C)
Boiling Point :	Not determined

Flashpoint :	Not determined
Upper Flammability Limit :	Not determined
Lower Flammability Limit :	Not determined
Autoignition Temperature :	Not determined
Viscosity :	Not determined
Volatile content :	Not determined

10. STABILITY AND REACTIVITY

STABILITY:	Stable
INCOMPATIBILITY (material to avoid):	Oxidizing material can cause a reaction. Water, moisture or humid air can cause hazardous vapours to form.
HAZARDOUS DECOMPOSITION OR BY-PRODUCT:	Carbon oxides and traces of incompletely burned carbon compounds. Silicon dioxide. Formaldehyde. Metal oxides.
HAZARDOUS POLYMERIZATION:	Will not occur
CONDITION TO AVOID:	None

11. TOXICOLOGICAL INFORMATION

Acute

Ingestion :	Low ingestion hazard in normal use
Eye :	Direct contact may cause mild irritation
Skin :	May cause moderate irritation
Inhalation :	Irritates respiratory passages very slightly.

Chronic

Ingestion :	Repeated ingestion or swallowing large amounts may injure internally.
Skin :	No known applicable information.
Inhalation :	No known applicable information.
Other Health Hazard Information :	No known applicable information.

The above listed potential effects of overexposure are based on actual data, the results of studies performed upon similar compositions, component data, and/or expert review of the products.

12. ECOLOGICAL INFORMATION

No data available.

13. DISPOSAL CONSIDERATIONS

Product Disposal: Dispose of in accordance with local regulations.

Packaging Disposal: Packaging should be disposed of in accordance with regional and/or national regulations.

Observe all federal, state, and local laws and regulations.

14. TRANSPORT INFORMATION

UN Number:	Not applicable
Packaging Group:	None
Proper Shipping Name:	None allocated
Technical Shipping Name:	None
Marine Pollutant:	None
Hazchem Code:	Not applicable

15. REGULATORY INFORMATION

Risk & Safety Phrases listed in Section 2

Poisons Schedule: None assigned

If used according to manufacturer's conditions this product is safe to use.

Non hazardous classified according to the criteria of Worksafe Australia

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 document should be taken as a safety guide for the product and its recommended uses but is in no way an absolute authority.