



MATERIAL SAFETY DATA SHEET

Issue date: 13th September, 2010

1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

Product Name: EZY SEAL GENERAL PURPOSE SILICONE SEALANT (ROOF & GUTTER)

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: 315122 Clear 300ml Cartridge
315121 Grey 300ml Cartridge

Recommended Use: General Purpose Silicone Sealant (Roof & Gutter)
Manufacturer's Product Code: Neutral Silicone Sealant
Proper Shipping Name: None

2. HAZARDS IDENTIFICATION

CLASSIFIED AS HAZARDOUS ACCORDING TO THE CRITERIA OF WORKSAFE AUSTRALIA

Product Classification: One Component Silicone Rubber Compound

Safety Phrases: S2 Keep out of the reach of children
S15 Keep away from heat
S51 Use only in well ventilated areas

Risk Phrases: None determined

Hazchem Code: Not applicable

Poisons Schedule: Not applicable

Emergency Overview

Paste.

Potential Health Effects/ Routes of Entry

Inhalation : Vapour overexposure may cause drowsiness, injure blood and liver, and may irritate eyes, nose and throat.
Eyes : On direct contact uncured product or its vapour may cause slight irritation to eyes.
Ingestion : No ingestion information available.
Skin : On direct contact uncured product or its vapour may cause slight irritation to eyes.

Fire and Explosion

Not considered flammable nor combustible, but will burn if involved in a fire.

Chronic Health Effects

Ingestion : Repeated ingestion or swallowing large amounts may injure internally

Skin : 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.

3. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Name	CAS Number	Proportion %
Organopolysiloxane	Proprietary	Mixture
Hydrocarbon	Confidential	<20%

4. FIRST AID MEASURES

Get immediate medical attention for any significant overexposure.

Inhalation : Remove to fresh air. No first aid should be needed.

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

Skin contact : Immediately remove product from skin with a dry cloth or towel and wash exposed area with detergent. If irritation or other ill effects develop or persist get medical attention.

Ingestion : Wash out mouth with water provided person is conscious. Never give anything by mouth to an unconscious person. Get medical attention immediately. 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 (Solid)

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 (CO₂), dry chemical or water spray. Water can be used to cool fire exposed containers.

Unsuitable Extinguishing Media: None established

Unusual Firefighting Hazards: None

Precautions for Fire Fighters and Special Protective Equipment: None

Hazchem Code: Not applicable

6. ACCIDENTAL RELEASE MEASURES

Shut off all ignition sources. Contain the spill or leak. Scrape up with rag or other material and place in container.

Personal Precautions: Avoid skin and eye contact. Do not take internally.
Environmental Precautions: Do not allow large quantities to enter drains or surface waters.

7. HANDLING & STORAGE

Keep container closed when not in use
Store in a cool place
Keep away from heat, sparks and flame
Do not lay the container on its side
Use only with adequate ventilation
Avoid prolonged breathing vapour
Avoid contact with eyes and skin
Contact lens wearers take appropriate precaution
Keep out of reach of children.

Emptied Containers
Do not reuse this container
Keep away from heat, sparks and flame

Do not puncture or cut this container and do not weld on or near this container

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure Guidelines:

ACGIH TLV – TWA 5mg/m³ (Hydrocarbon)
Vendor guide 3ppm (TWA), 10ppm (STEL)
AIHA WEEL* 10ppm (TWA)
(Methylethylketoxime: decomposed product)

*AIHA WEEL = American Industrial Hygiene Association Workplace Environmental Exposure Level)

Engineering Controls

Local exhaust: Required
General ventilation: Adequate ventilation system
Other: Pay attention to ventilation such as local exhaust, mechanical and/or door open for at least 24 hours after application

Personal Protective Equipment

Respiratory: No respiratory protection should be needed.
Suitable Respirator: None should be needed
Hand: Plastic film or rubber gloves should be worn
Eye: Eyewash equipment
Skin: Wash at mealtime and end of shift.
Personal Hygiene: Exercise good industrial hygiene practice. Wash after handling, especially before eating, drinking or smoking. Keep away from heat, sparks and flames. Avoid prolonged breathing vapour. Avoid contact with eyes and skin

9. PHYSICAL AND CHEMICAL PROPERTIES

Form : Paste
Colour : Translucent or Grey
Odour : Oxime odour
Vapour pressure : Negligible (25°C)

Vapour density : >1 (air = 1)
Melting point/range : Not applicable
Water solubility : Not soluble
Specific Gravity : 0.99 (25°C)
Boiling Point : Not applicable
Evaporation rate : <1 (Butyl Acetate = 1)

10. STABILITY AND REACTIVITY

STABILITY: Stable

CONDITION TO AVOID: Exposure to air or moisture until ready to use – Causes curing and methylethylketoxime vapours to form gradually.

INCOMPATIBILITY
(material to avoid): Water or moisture

HAZARDOUS DECOMPOSITION
OR BY-PRODUCT: Water, moisture or humid air can cause methylethylketoxime. Thermal breakdown of this product during fire or very high heat condition may evolve the following hazardous decomposition product. Carbon oxides and traces of incompletely burned carbon compounds. Silicon dioxide. Formaldehyde. Nitrogen oxides.

HAZARDOUS POLYMERIZATION: Will not occur

CONDITION TO AVOID: None

11. TOXICOLOGICAL INFORMATION

Eye Irritation: Causes severe irritation.
Skin : Causes mild irritation. Can be absorbed through the skin.

Inhalation : Irritates respiratory passages very slightly.
Sensitization : No information available
Acute Toxicity (LD50) : LD50 (Rat) = 4ml./kg
Acute Toxicity (LC50) : LC50 (Rat) = 4.8mg/l/4Hr
Subacute Toxicity : No information available
Chronic Toxicity : No information available
Carcinogenicity : NTP: Not listed. IARC: Not listed.

Mutagenicity : No information available

Additional Information

Methyl Ethyl Ketoxime (MEKO) Decomposition product material will generate MEKO on exposure to humid air gradually. Male rodents exposed to MEKO at high concentration throughout their lifetime developed liver cancer but relevance to humans is uncertain.

Please read the detail information to MEKO below

Acute inhalation tox : Shows narcotic action at high concentration.
May produce blood effects.

Skin Sensitization : Positive (Guinea Pig)

Neurotoxicity : High dose can produce transient and reversible change in neurobehavioural function. No evidence of cumulative neurotoxicity was detected.

Carcinogenicity : Liver carcinomas were observed in a lifetime inhalation study (ca. 2 years) in which mice and rats were exposed. These carcinomas were statistically increased in males at MEKO concentration of 375ppm. Relevance to humans is uncertain.

Mutagenicity : Not considered mutagenic based on several in vitro and vivo studies.

Other Chronic Study: Degenerative effects on the olfactory epithelium of nasal passages occurred in a concentration related manner in males and females of mice and rats at MEKO concentration of 15, 75 and 375ppm.

Workplace Environmental Exposure Level : Vendor guide: 3ppm (TWA), 10ppm (STEL)
AIHA WEEL: 10ppm (TWA)

12. ECOLOGICAL INFORMATION

Biodegradation: Not applicable

Bioaccumulation: No information is available

Aquatic Toxicity: 96 Hr LC50 (Fish): >100mg (Published Data)
Hydrocarbon

13. DISPOSAL CONSIDERATIONS

Can be land filled for cured product or burned in a chemical incinerator equipped with an afterburner and scrubber.
Do not dispose of the emptied container unlawfully.

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
IMO Classification & Class:	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.

This product is classified as Hazardous 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.