

Infosafe No™ LPYCI Issue Date : November 2012 ISSUED by PARCHEMC

Product Name : **EMER-SEAL CONSTRUCTION SILICONE HM**

Classified as hazardous

## 1. Identification

**GHS Product Identifier** EMER-SEAL CONSTRUCTION SILICONE HM

**Company Name** Parchem Construction Supplies Pty Ltd (ABN 80 069 961 968)

**Address** 7 Lucca Road Wyong  
NSW 2259 Australia

**Telephone/Fax Number** Tel: 02 4350 5000  
Fax: 02 4351 2024

**Emergency phone number** 1800 638 556 (available 24/7)

**Recommended use of the chemical and restrictions on use** High modulus silicone sealant.

**Other Information** This MSDS summarises at the date of issue our best knowledge of the health and safety hazard information of the product, and in particular how to safely handle and use the product in the workplace. Since Parchem Construction Supplies Pty Ltd cannot anticipate or control the conditions under which the product may be used, each user must, prior to usage, review this MSDS in the context of how the user intends to handle and use the product in the workplace.

If clarification or further information is needed to ensure that an appropriate assessment can be made, the user should contact this company. Our responsibility for product as sold is subject to our standard terms and conditions, a copy of which is sent to our customers and is also available upon request.

www.parchem.com.au

## 2. Hazard Identification

**GHS classification of the substance/mixture** Classified as Hazardous according to the Globally Harmonised System of Classification and labelling of Chemicals (GHS) including Work, Health and Safety regulations, Australia.  
Not classified as Dangerous Goods according to the Australian Code for the Transport of Dangerous Goods by Road and Rail. (7th edition)  
Skin Corrosion/Irritation: Category 3  
Sensitization - Skin: Category 1

**Signal Word (s)** Warning

**Hazard Statement (s)** H316 Causes mild skin irritation.  
H317 May cause an allergic skin reaction.

**Pictogram (s)** Exclamation mark



**Precautionary statement – Prevention** P101 If medical advice is needed, have product container or label at hand.  
P102 Keep out of reach of children.  
P103 Read label before use.  
P261 Avoid breathing dust/fume/gas/mist/vapours/spray.  
P272 Contaminated work clothing should not be allowed out of the workplace.  
P280 Wear protective gloves/protective clothing/eye protection/face protection.

**Precautionary statement – Response** SKIN:  
P302+P352 IF ON SKIN: Wash with plenty of soap and water.  
P333+P313 If skin irritation or rash occurs: Get medical advice/attention.  
P362 Take off contaminated clothing and wash before reuse.

**Precautionary statement – Disposal** P501 Dispose of contents/container to an approved waste disposal plant.

## 3. Composition/information on ingredients

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Ingredients	Name	CAS	Proportion
	2-Butanone, O,O',O''-(methylsilylyldiyn)trioxime	22984-54-9	<5 %
	Ingredients determined not to be hazardous.		Balance

#### 4. First-aid measures

<b>Inhalation</b>	If inhaled, remove affected person from contaminated area. Keep at rest until recovered. If symptoms persist seek medical attention.
<b>Ingestion</b>	Do not induce vomiting. Wash out mouth thoroughly with water. Seek medical attention.
<b>Skin</b>	Wash affected area thoroughly with soap and water. If symptoms develop seek medical attention.
<b>Eye contact</b>	If in eyes, hold eyelids apart and flush the eyes continuously with running water. Continue flushing for several minutes until all contaminants are washed out completely. If symptoms develop and persist seek medical attention.
<b>First Aid Facilities</b>	Eyewash and normal washroom facilities.
<b>Advice to Doctor</b>	Treat symptomatically.
<b>Other Information</b>	For advice in an emergency, contact a Poisons Information Centre (Phone Australia 13 1126; New Zealand 0800 POISON / 0800 764 766) or a doctor at once.

#### 5. Fire-fighting measures

<b>Suitable extinguishing media</b>	Use carbon dioxide, dry chemical, foam, water mist or water spray.
<b>Hazards from Combustion Products</b>	Under fire conditions this product may emit toxic and/or irritating fumes including carbon monoxide, carbon dioxide and metal oxides.
<b>Specific hazards arising from the chemical</b>	Combustible material. This product will readily burn under fire conditions.
<b>Decomposition Temp.</b>	>200°C
<b>Precautions in connection with Fire</b>	Fire fighters should wear Self-Contained Breathing Apparatus (SCBA) operated in positive pressure mode and full protective clothing to prevent exposure to vapours or fumes. Water spray may be used to cool down heat-exposed containers.

#### 6. Accidental release measures

<b>Emergency Procedures</b>	Wear appropriate personal protective equipment and clothing to prevent exposure. Extinguish or remove all sources of ignition and stop leak if safe to do so. Increase ventilation. Evacuate all unprotected personnel. If possible contain the spill. Place inert absorbent, non-combustible material onto spillage. Use clean non-sparking tools to collect the material and place into suitable labelled containers for subsequent recycling or disposal. Dispose of waste according to the applicable local and national regulations. If contamination of sewers or waterways occurs inform the local water and waste management authorities in accordance with local regulations.
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#### 7. Handling and storage

<b>Precautions for Safe Handling</b>	Use only in a well ventilated area. Keep containers sealed when not in use. Prevent the build up of mists or vapours in the work atmosphere. Avoid inhalation of vapours and mists, and skin or eye contact. Do not use near ignition sources. Do not pressurise, cut, heat or weld containers as they may contain hazardous residues. Maintain high standards of personal hygiene i.e. Washing hands prior to eating, drinking, smoking or using toilet facilities.
<b>Conditions for safe storage, including any incompatibilities</b>	Store in a cool, dry, well-ventilated area away from sources of ignition, oxidising agents, strong acids, foodstuffs, and clothing. Keep containers closed when not in use and securely sealed and protected against physical damage. Inspect regularly for deficiencies such as damage or leaks. Have appropriate fire extinguishers available in and near the storage area. Take precautions against static electricity discharges. Use proper grounding

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procedures. For information on the design of the storeroom, reference should be made to Australian Standard AS1940 - The storage and handling of flammable and combustible liquids. Reference should also be made to all applicable local and national regulations.

## 8. Exposure controls/personal protection

<b>Occupational exposure limit values</b>	No exposure standards have been established for this material by Safe Work, Australia. However, over-exposure to some chemicals may result in enhancement of pre-existing adverse medical conditions and/or allergic reactions and should be kept to the least possible levels.
<b>Biological Limit Values</b>	No biological limit allocated.
<b>Appropriate engineering controls</b>	Provide sufficient ventilation to keep airborne levels below the exposure limits. Where vapours or mists are generated, particularly in enclosed areas, and natural ventilation is inadequate, a local exhaust ventilation system is required.
<b>Respiratory Protection</b>	If engineering controls are not effective in controlling airborne exposure then an approved respirator with a replaceable mist/dust filter should be used. Reference should be made to Australian/New Zealand Standards AS/NZS 1715, Selection, Use and Maintenance of Respiratory Protective Devices; and AS/NZS 1716, Respiratory Protective Devices, in order to make any necessary changes for individual circumstances.
<b>Eye Protection</b>	Safety glasses with side shields or chemical goggles should be worn. Final choice of appropriate eye/face protection will vary according to individual circumstances. Eye protection devices should conform with Australian/New Zealand Standard AS/NZS 1337 - Eye Protectors for Industrial Applications.
<b>Hand Protection</b>	Wear gloves of impervious material, such as laminate film, nitrile or PVC. Final choice of appropriate gloves will vary according to individual circumstances i.e. methods of handling or according to risk assessments undertaken. Reference should be made to AS/NZS 2161.1: Occupational protective gloves - Selection, use and maintenance.
<b>Body Protection</b>	Suitable protective work wear, e.g. cotton overalls buttoned at neck and wrist is recommended. Chemical resistant apron is recommended where large quantities are handled.

## 9. Physical and chemical properties

<b>Appearance</b>	Thixotropic grey paste
<b>Odour</b>	Characteristic oxime odour
<b>Decomposition Temperature</b>	>200°C
<b>Melting Point</b>	Not available
<b>Boiling Point</b>	Not available
<b>Solubility in Water</b>	Insoluble
<b>Specific Gravity</b>	1.25 (23°C)
<b>pH</b>	Not available
<b>Vapour Pressure</b>	Not available
<b>Vapour Density (Air=1)</b>	Not available
<b>Evaporation Rate</b>	Not available
<b>Odour Threshold</b>	Not available
<b>Viscosity</b>	Not available
<b>Partition Coefficient: n-octanol/water</b>	Not available
<b>Flash Point</b>	Not available
<b>Flammability</b>	Not flammable

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**Auto-Ignition Temperature** Not available  
**Flammable Limits - Lower** Not available  
**Flammable Limits - Upper** Not available

## 10. Stability and reactivity

**Reactivity** Reacts with incompatibles.  
**Chemical Stability** Stable under normal conditions of storage and handling.  
**Conditions to Avoid** Heat, flames and other sources of ignition. Keep away from water.  
**Incompatible Materials** Strong oxidizing agents. Water, moisture.  
**Hazardous Decomposition Products** Thermal decomposition may result in the release of toxic and/or irritating fumes and gases including carbon monoxide, carbon dioxide, oxime compounds and metal oxides.  
**Possibility of hazardous reactions** Water, moisture or humid air can cause hazardous vapours to form.  
**Hazardous Polymerization** Will not occur.

## 11. Toxicological Information

**Toxicology Information** No toxicology data available for this product.  
**Ingestion** Ingestion of this product may irritate the gastric tract causing nausea and vomiting.  
**Inhalation** Inhalation of product vapours may cause irritation of the nose, throat and respiratory system.  
**Skin** Causes mild skin irritation. Skin contact will cause redness, itching and swelling. Repeated exposure may cause skin dryness and cracking and may lead to dermatitis.  
**Eye** May be irritating to eyes. The symptoms may include redness, itching and tearing.  
**Respiratory sensitisation** Not expected to be a respiratory sensitiser.  
**Skin Sensitisation** May cause an allergic skin reaction.  
**Germ cell mutagenicity** Not considered to be a mutagenic hazard.  
**Carcinogenicity** Not considered to be a carcinogenic hazard.  
**Reproductive Toxicity** Not considered to be toxic to reproduction.  
**STOT-single exposure** Not expected to cause toxicity to a specific target organ.  
**STOT-repeated exposure** Not expected to cause toxicity to a specific target organ.  
**Aspiration Hazard** Not expected to be an aspiration hazard.

## 12. Ecological information

**Ecotoxicity** No ecological data are available for this material.  
**Persistence and degradability** Not available  
**Mobility** Not available  
**Bioaccumulative Potential** Not available  
**Environmental Protection** Prevent this material entering waterways, drains and sewers.

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### 13. Disposal considerations

**Disposal Considerations** The disposal of the spilled or waste material must be done in accordance with applicable local and national regulations.

### 14. Transport information

**Transport Information** Road and Rail Transport:  
Not classified as Dangerous Goods according to the Australian Code for the Transport of Dangerous Goods by Road and Rail (ADG Code) (7th edition).  
  
Marine Transport (IMO/IMDG):  
Not classified as Dangerous Goods by the criteria of the International Maritime Dangerous Goods Code (IMDG Code) for transport by sea.  
  
Air Transport (ICAO/IATA):  
Not classified as Dangerous Goods by the criteria of the International Air Transport Association (IATA) Dangerous Goods Regulations for transport by air.  
No

**IMDG Marine pollutant**

### 15. Regulatory information

**Regulatory Information** Classified as Hazardous according to the Globally Harmonised System of Classification and labelling of Chemicals (GHS) including Work, Health and Safety regulations, Australia.  
Not classified as a Scheduled Poison according to the Standard for the Uniform Scheduling of Medicines and Poisons (SUSMP).

**Poisons Schedule** Not Scheduled

**AICS (Australia)** All components of this product are listed on the Australian Inventory of Chemical Substances (AICS) or exempted.

### 16. Other Information

**Date of preparation or last revision of SDS** SDS Reviewed: November 2012  
Supersedes: January 2011

**Contact Person/Point** Technical Support: 1800 812 864  
...End Of MSDS...

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