

Infosafe No™ LPTDD	Issue Date :October 2006	ISSUED by PARCHEMC	CS: 1.4.30
--------------------	--------------------------	--------------------	------------

 Product Name **EMER-SEAL ROADSEAL**

1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

Product Name EMER-SEAL ROADSEAL

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

Address 7 Lucca Road Wyong
NSW 2259 Australia

Emergency Tel. 1800 638 556 (available 24/7)

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

Recommended Use One part non-sag silicone rubber joint sealant for roads, runways, carparks and pavements.

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. HAZARDS IDENTIFICATION

Hazard Classification NON-HAZARDOUS SUBSTANCE.
NON-DANGEROUS GOODS.
Hazard classification according to the criteria of NOHSC.
Dangerous goods classification according to the Australia Dangerous Goods Code.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Ingredients	<u>Name</u>	<u>CAS</u>	<u>Proportion</u>
	Dimethyl Siloxane, Hydroxy-terminated	70131-67-8	30-60 %
	Limestone	1317-65-3	30-60 %
	Polydimethylsiloxane	63148-62-9	10-30 %
	Treated fumed silica	68611-44-9	0-4.99 %
	Phenyl Oximino Silane	34036-90-1	0-4.99 %
	Other Ingredients		Balance
	Determined Not To Be Hazardous		

4. FIRST AID MEASURES

Inhalation Remove the source of contamination or move the victim to fresh air. Ensure airways are clear and have qualified person give oxygen through a face mask if breathing is difficult. If symptoms develop seek medical attention.

Ingestion Do NOT induce vomiting. Wash out mouth with water. Do not give anything by mouth to an unconscious person. Seek medical attention.

Skin If skin or hair contact occurs remove contaminated clothing and wash contaminated skin and hair with plenty of soap and running water. Wash contaminated clothing before re-use. If irritation occurs seek medical assistance.

Eye If contact with the eye(s) occur, wash with running water holding eyelid(s) open. Take care not to rinse contaminated water into the non-affected eye.

Infosafe No™ LPTDD	Issue Date :October 2006	ISSUED by PARCHEMC	CS: 1.4.30
--------------------	--------------------------	--------------------	------------

Product Name **EMER-SEAL ROADSEAL**

First Aid Facilities Seek medical advice.
 Eye wash and normal washroom facilities.

Advice to Doctor Treat symptomatically.

5. FIRE FIGHTING MEASURES

Suitable Extinguishing Media Use appropriate fire extinguisher for surrounding environment.

Specific Hazards This product is non-combustible.

Precautions in connection with Fire Fire-fighters should wear full protective clothing and self contained breathing apparatus (SCBA) operated in positive pressure mode.

6. ACCIDENTAL RELEASE MEASURES

Emergency Procedures Slippery when spilt. Avoid accidents, clean up immediately. Wear protective equipment to prevent skin and eye contamination. Contain - prevent run off into drains and waterways. Use absorbent (soil, sand or other inert material). Collect and seal in properly labelled containers for disposal. If large quantities of this material enter the waterways contact the Environmental Protection Authority, or your local Waste Management Authority.

7. HANDLING AND STORAGE

Precautions for Safe Handling Repeated or prolonged contact with this material should be avoided in order to lessen the possibility of skin disorders. It is essential that all who come into contact with this material maintain high standards of personal hygiene ie. washing hands prior to eating, drinking or going to the toilet.

Conditions for Safe Storage Store in a cool, dry area. Keep containers closed when not in use.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

National Exposure Standards No exposure standards have been established for this material by the National Occupational Health & Safety Commission (NOHSC).

Biological Limit Values No biological limit allocated.

Engineering Controls Use with good general ventilation. If mists or vapours are produced local exhaust ventilation should be used.

Respiratory Protection If engineering controls are not effective in controlling airborne exposure then respiratory protective equipment should be used suitable for protecting against airborne contaminants. Final choice of appropriate breathing protection is dependant upon actual airborne concentrations and the type of breathing protection required will vary according to individual circumstances. Expert advice may be required to make this decision. Reference should be made to Australian Standards AS/NZS 1715, Selection, Use and maintenance of Respiratory Protective Devices; and AS/NZS 1716, Respiratory Protective Devices.

Eye Protection Safety glasses with side shields or goggles should be worn as described in Australian Standard AS/NZS 1337 - Eye Protectors for Industrial Applications. Final choice of appropriate eye/face protection will vary according to individual circumstances. This can include methods of handling, and engineering controls as determined by appropriate risk assessments.

Hand Protection Wear gloves of impervious material conforming to AS/NZS 2161: Occupational protective gloves - Selection, use and maintenance. Final choice of appropriate glove type will vary according to individual circumstances. This can include methods of handling, and engineering controls as determined by appropriate risk assessments. Advice should be sought from appropriate glove manufacturers in order to ensure gloves are correct for application.

Body Protection Wear appropriate clothing including chemical resistant apron where clothing is likely to be contaminated. It is advisable that a local supplier of personal protective clothing is consulted regarding the choice of material.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance Pigmented paste.

Odour Mild organic odour.

Infosafe No™ LPTDD Issue Date :October 2006 ISSUED by PARCHEMC CS: 1.4.30

Product Name **EMER-SEAL ROADSEAL**

Melting Point	approx. 76°C
Boiling Point	approx 225°C
Solubility in Water	Insoluble
Specific Gravity	Approx 1.24
pH Value	Not applicable.
Vapour Pressure	Not available.
Vapour Density (Air=1)	Not available.
Volatile Component	Small amounts of volatiles evolved during cure.
Flash Point	Not available.
Flammability	This product is not combustible.
Auto-Ignition Temperature	Not applicable.
Flammable Limits - Lower	Not applicable.
Flammable Limits - Upper	Not applicable.

10. STABILITY AND REACTIVITY

Chemical Stability	Stable under normal conditions.
Conditions to Avoid	Avoid contact with water.
Incompatible Materials	Incompatible with strong acids and oxidising agents. A component of this product, Phenyl Oximino will react violently in contact with electrophiles such as Ferric Chloride. Phenyl oximino silane will emit 2-butanone oxime if exposed to water.
Hazardous Decomposition Products	Thermal decomposition may result in the release of toxic and/or irritating fumes including carbon monoxide, carbon dioxide, oxides of nitrogen and formaldehyde.
Hazardous Reactions	On contact with water and during curing this product releases 2-butanone oxime (methylethyl ketoxime) which is a skin and eye irritant and may have a sensitising effect on the skin.
Hazardous Polymerization	Will not occur.

11. TOXICOLOGICAL INFORMATION

Toxicology Information	No toxicity data is available for this specific product.
Inhalation	Inhalation of product vapours may cause irritation of the nose, throat and respiratory system.
Ingestion	Ingestion of this product may irritate the gastric tract, causing nausea and vomiting.
Skin	May cause redness, itching and irritation.
Eye	May cause eye irritation, tearing, stinging, blurred vision, and redness.
Chronic Effects	Unknown.
Other Information	Methyl ethyl ketoxime (formed by exposure of phenyl oximino silane to water) may cause skin or respiratory sensitisation and irritation. Toxicity data for the by-product, methyl ethyl ketoxime (formed by exposure of phenyl oximino silane to water) is shown below: LD50 (rat, oral) = 930 mg/kg LD50 (rabbit, dermal) = 200 µL/kg Methyl ethyl ketoxime (MEKO) has been classified as a Category 3 Carcinogen. MEKO is a suspected carcinogen in animals but is not known to be carcinogenic to humans.

Infosafe No™ LPTDD

Issue Date :October 2006

ISSUED by PARCHEMC

CS: 1.4.30

Product Name **EMER-SEAL ROADSEAL**

This product contains polydimethylsiloxanes, which can generate formaldehyde when heated above 150°C in the presence of air.

Toxicity data for the by-product, formaldehyde (formed by thermal decomposition of polydimethylsiloxanes) is shown below:

LC50 (rat, inhalation) = 203 mg/m³

LD50 (rat, oral) = 100 mg/kg

LD50 (rabbit, dermal) = 270 mg/kg

Formaldehyde is a known animal carcinogen and is listed as a probable human carcinogen by the IARC. Formaldehyde is irritating to the eyes, nose, throat and skin and is a dermal sensitiser.

12. ECOLOGICAL INFORMATION

Ecotoxicity	Not available.
Persistence / Degradability	Not available.
Mobility	Insoluble in water.
Bioaccumulative Potential	Not available.
Environ. Protection	Prevent this material entering waterways, drains and sewers.

13. DISPOSAL CONSIDERATIONS

Disposal Considerations	Disposal should be in accordance with the relevant state and federal government regulations.
--------------------------------	--

14. TRANSPORT INFORMATION

Transport Information	Not classified as Dangerous Goods, according to the Australian Code for the Transport of Dangerous Goods by Road and Rail.
Storage and Transport	Keep in a dry, cool and well-ventilated area. No regulatory requirements apply to the transport of this product.

15. REGULATORY INFORMATION

Poisons Schedule	Not Scheduled
-------------------------	---------------

16. OTHER INFORMATION

Date of preparation or last revision of MSDS	MSDS Creation: August 2004 MSDS Reviewed: October 2006
Contact Person/Point	Technical Support: 1800 812 864 ...End Of MSDS...

© Copyright ACOHS Pty Ltd
Copyright in the source code of the HTML, PDF, XML, XFO and any other electronic files rendered by an Infosafe system for Infosafe MSDS displayed on this site is the intellectual property of Acohs Pty Ltd.
Copyright in the layout, presentation and appearance of each Infosafe MSDS displayed on this site is the intellectual property of Acohs Pty Ltd.
The compilation of MSDS's displayed on this site is the intellectual property of Acohs Pty Ltd.
Copying of any MSDS displayed on this site is permitted for personal use only and otherwise is not permitted. In particular the MSDS's displayed on this site cannot be copied for the purpose of sale or licence or for inclusion as part of a collection of MSDS without the express written consent of Acohs Pty Ltd.