

Infosafe No™ LPY7Q

Issue Date : June 2009

ISSUED by PARCHEMC

Product Name **EMER-SEAL PU**

1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

Product Name EMER-SEAL PU

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 Polyurethane based elastomeric 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. HAZARDS IDENTIFICATION

Hazard Classification Not classified as Hazardous according to criteria of National Occupational Health & Safety Commission (NOHSC), Australia.
Not classified as Dangerous Goods according to the Australian Code for the Transport of Dangerous Goods by Road and Rail (ADG Code).

Safety Phrase(s) S16 Keep away from sources of ignition - No smoking.
S23(2) Do not breathe vapour.
S24/25 Avoid contact with skin and eyes.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Ingredients	Name	CAS	Proportion
	Xylene	1330-20-7	2-5 %
	Ethylbenzene	100-41-4	<2.5 %
	Distillates (petroleum), hydrotreated light	64742-47-8	<2.5 %
	Calcium oxide	1305-78-8	<2.5 %
	Ingredients determined not to be hazardous		Balance

Other Information Contains a polyurethane prepolymer based on diphenylmethanediisocyanate.

4. FIRST AID MEASURES

Inhalation Remove the source of contamination or move the affected person to fresh air. Keep at rest and warm. If symptoms persist seek medical attention.

Ingestion Do NOT induce vomiting. Wash out mouth and lips thoroughly with water. Seek medical attention.

Skin If skin or hair contact occurs, remove contaminated clothing and flush skin and hair with running water. If irritation develops seek medical attention.

Eye If in eyes, hold eyelids apart and flush the eyes immediately with running water. Continue flushing for several minutes until all contaminants are washed off completely. Seek medical attention.

First Aid Facilities Eye wash and normal washroom facilities.

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Advice to Doctor Treat symptomatically.

Other Information For advice in an emergency, contact a Poisons Information Centre (Phone 13 11 26 in Australia) or a doctor.

5. FIRE FIGHTING MEASURES

Suitable Extinguishing Media Water spray, water fog, foam, carbon dioxide and dry chemical. Do not use water jet.

Hazards from Combustion Products Under fire conditions the product may emit toxic fumes including carbon monoxide, carbon dioxide, oxides of nitrogen and trace amounts of hydrogen cyanide.

Specific Hazards This product is flammable. It will readily burn under fire conditions. Danger of containers bursting due to vapour overpressure. Vapour/air mixtures may ignite explosively. Heating can cause expansion or decomposition leading to violent rupture of containers.

Precautions in connection with Fire Fire fighters should wear Self-Contained Breathing Apparatus (SCBA) and full protective clothing to prevent exposure to vapours, fumes and products of combustion. Water spray may be used to cool down heat-exposed containers.

6. ACCIDENTAL RELEASE MEASURES

Emergency Procedures Slippery when spilled. Avoid accidents, clean up immediately. Wear appropriate personal protective equipment and clothing to minimise exposure. If possible contain the spill, prevent run-off into drains and waterways. Place inert absorbent material onto spillage if necessary. Collect and place in labelled containers. If contamination of sewers or waterways occurs inform the local water authorities and EPA in accordance with local regulations. Disposal should be in accordance with the relevant local, state and federal government regulations.

7. HANDLING AND STORAGE

Precautions for Safe Handling Wear appropriate protective clothing and equipment to prevent inhalation, skin and eye contact. Use in designated areas with adequate ventilation. Practice good personal hygiene, that is, always wash hands after handling, and before eating, drinking, smoking or using the toilet facilities. When using do not eat, drink or smoke. Prevent the creation of vapour or mist in the work atmosphere. Keep containers closed when not in use.

Conditions for Safe Storage Store in a cool, dry well-ventilated area away from incompatible materials, such as strong acids and oxidizing agents. Protect from freezing. Keep the containers tightly sealed when not in use, and protected against physical damage. Inspect regularly for deficiencies such as damage or leaks.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

National Exposure Standards No exposure standards have been established for this material by the National Occupational Health And Safety Commission (NOHSC), Australia. However, over-exposure to some industrial chemicals may result in adverse health effects or enhancement of pre-existing medical conditions and/or allergic reactions, and should be kept to the least possible levels. The applicable exposure standards for ingredients are listed below:

National Occupational Health And Safety Commission (NOHSC), Australia Exposure Standards:

Substance	TWA		STEL		NOTICES
	ppm	mg/m ³	ppm	mg/m ³	
Isocyanates, all (as -NCO)	-	0.02	-	0.07	Sen
Xylene	80	350	150	655	-
Ethylbenzene	100	434	125	543	-

Note: The above value for isocyanates apply to all isocyanates, including prepolymers, present in the workplace air as vapours, mist or dust.

TWA (Time Weighted Average): The average airborne concentration of a particular substance when calculated over a normal eight-hour working day, for a five-day week.

STEL (Short Term Exposure Limit): The average airborne concentration over a 15 minute period which should not be exceeded at any time during a normal eight-hour workday.

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Biological Limit Values	'Sen' Notice: The substance may cause sensitisation by skin contact or by inhalation. No biological limit allocated.
Engineering Controls	Use with good ventilation to keep the airborne concentrations below the exposure limits. Where vapours or mists are generated in a confined space, a local exhaust ventilation system, drawing the vapours/mists away from workers' breathing zone, should be used.
Respiratory Protection	If engineering controls are not effective in controlling airborne exposure below exposure limits, then an approved respirator with a replaceable organic vapour/mist filter should be used. 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, in order to make any necessary changes for individual circumstances.
Eye Protection	Safety glasses with side shields or goggles as appropriate should be worn. Final choice of appropriate eye/face protection will vary according to individual circumstances i.e. methods of handling or engineering controls and according to risk assessments undertaken. Eye protection should conform with Australian/New Zealand Standard AS/NZS 1337 - Eye Protectors for Industrial Applications.
Hand Protection	Use chemical resistant gloves, eg. laminated film or nitrile. Avoid gloves made of natural latex. 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.
Body Protection	Suitable protective workwear, e.g. cotton overalls buttoned at neck and wrist. Industrial clothing should conform to the specifications detailed in AS/NZS 2919: Industrial clothing.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Grey paste.
Odour	Hydrocarbon odour.
Melting Point	Not available
Boiling Point	137°C
Solubility in Water	Insoluble
Specific Gravity	1.17 at 20°C
pH Value	Not available
Vapour Pressure	Not available
Vapour Density (Air=1)	>1
Evaporation Rate	Not available
Flash Point	40-55°C Product is not classified as Dangerous Goods due to its form and properties.
Flammability	Flammable liquid.
Auto-Ignition Temperature	>200°C
Flammable Limits - Lower	0.6% v/v
Flammable Limits - Upper	8.0% v/v

10. STABILITY AND REACTIVITY

Chemical Stability	Stable under normal conditions of storage and handling.
Incompatible Materials	Oxidising agents and strong acids. Also reacts with amines, alcohols and alkalis. Reacts with water forming carbon dioxide. Danger of containers bursting due to vapour overpressure.

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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 trace amounts of hydrogen cyanide.

Hazardous Polymerization Will not occur.

11. TOXICOLOGICAL INFORMATION

Toxicology Information Not available

Inhalation Inhalation of product vapours in confined spaces may cause irritation of upper respiratory tract.

Ingestion Ingestion of this product may irritate the gastric tract causing nausea and vomiting.

Skin Extended contact may cause redness, itching and mild irritation.

Eye May cause eye irritation, tearing, stinging, blurred vision, and redness.

Chronic Effects Not available

12. ECOLOGICAL INFORMATION

Ecotoxicity Not available

Persistence / Degradability Not available

Mobility Not available

Bioaccumulative Potential Not available

Environ. Protection Do not discharge product into drains, waterways or sewers.

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 (ADG Code):
Not classified as Dangerous Goods according to the Australian Code for the Transport of Dangerous Goods by Road and Rail (ADG Code).

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.

15. REGULATORY INFORMATION

Regulatory Information Not classified as Hazardous according to criteria of National Occupational Health & Safety Commission (NOHSC), Australia.
Not classified as a Scheduled Poison according to the Standard for the Uniform Scheduling of Drugs and Poisons (SUSDP).

Poisons Schedule Not Scheduled

AICS (Australia) All components of this product are listed on the Australian Inventory of Chemical Substances (AICS) or otherwise are in compliance with NICNAS requirements.

16. OTHER INFORMATION

Date of preparation or last revision of MSDS MSDS Created: June 2009

Contact Person/Point Technical Support: 1800 812 864

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