

Infosafe No™ LQ13P

Issue Date : May 2012

ISSUED by PARCHEMN

Product Name : **EMER-PROOF NON-POROUS AND SMOOTH SURFACE PRIMER**

Classified as hazardous

## 1. Identification

**GHS Product Identifier** EMER-PROOF NON-POROUS AND SMOOTH SURFACE PRIMER  
**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** 0800 154 666 (available 24/7)  
**Recommended use of the chemical and restrictions on use** Primer coat.  
**Other Information** Distributed in New Zealand by:  
Concrete Plus  
23 Watts Road  
Sockburn  
New Zealand  
Tel: (03) 343 0090  
Fax: (03) 343 0202

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.co.nz](http://www.parchem.co.nz)

## 2. Hazard Identification

**GHS classification of the substance/mixture** Classified as Hazardous according to the New Zealand Hazardous Substances (Minimum Degrees of Hazard) Regulations 2001.  
Not classified as Dangerous Goods for transport according to the New Zealand Standard NZS 5433:2007 Transport of Dangerous Goods on Land.

6.7B - Substance that is a suspected human carcinogen  
6.8B - Substance that is suspected to be a human reproductive or developmental toxicant

**Signal Word (s)** Warning

**Hazard Statement (s)** H351 Suspected of causing cancer.  
H361 Suspected of damaging fertility or the unborn child.

**Pictogram (s)** Health hazard



**Precautionary statement – Prevention**  
P103 Read label before use. -This statement applies only where the substance is available to the general public.  
P104 Read Safety Data Sheet before use.  
P201 Obtain special instructions before use.  
P202 Do not handle until all safety precautions have been read and understood.

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<b>Precautionary statement – Response</b>	P281 Use personal protective equipment as required.
	P308+P313 IF exposed or concerned: Get medical advice/ attention.
	P405 Store locked up.
<b>Precautionary statement – Storage</b>	
<b>Precautionary statement – Disposal</b>	P501 In the case of a substance that is in compliance with a HSN0 approval other than a Part 6A (Group Standards) approval, a label must provide a description of one or more appropriate and achievable methods for the disposal of a substance in accordance with the Hazardous Substances (Disposal) Regulations 2001. This may also include any method of disposal that must be avoided. See Section 13 for disposal details.

### 3. Composition/information on ingredients

Ingredients	Name	CAS	Proportion
	Sodium hydroxide	1310-73-2	0-0.2 %
	Styrene Monomer	100-42-5	0-0.1 %
	Ingredients determined not to be hazardous, including water.		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 with water. If symptoms develop seek medical attention.
<b>Skin</b>	Wash affected area thoroughly with soap and water. Remove contaminated clothing and wash before reuse or discard. 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>	Eye wash 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 fog or water mist.
<b>Hazards from Combustion Products</b>	Under fire conditions this product may emit toxic and/or irritating fumes, smoke and gases, including carbon monoxide and carbon dioxide.
<b>Specific hazards arising from the chemical</b>	This product is not flammable, however, following evaporation of the aqueous component, residue may burn if ignited.
<b>Precautions in connection with Fire</b>	Fire fighters should wear Self-Contained Breathing Apparatus (SCBA) and full protective clothing to prevent exposure to vapours, fumes or products of combustion. Water spray may be used to cool down heat-exposed containers.

### 6. Accidental release measures

<b>Emergency Procedures</b>	Spilled polymer emulsion is very slippery. Use care to avoid falls. Wear appropriate personal protective equipment and clothing to minimise exposure. Increase ventilation. If possible contain the spill. Place inert absorbent material onto spillage. Collect the material and place into a suitable labelled container. Do not dilute material but contain. 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

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**Precautions for Safe Handling** Use in a well ventilated area. Build up of mists or vapours in the atmosphere must be prevented. Wear appropriate protective equipment to prevent inhalation, skin and eye contact. Keep containers closed when not in use. Ensure a high level of personal hygiene is maintained when using the product.

**Conditions for safe storage, including any incompatibilities** Store in a cool, dry well-ventilated area away from heat, oxidising agents, foodstuffs, and clothing and out of direct sunlight. Keep containers closed when not in use and securely sealed and protected against physical damage. Inspect regularly for deficiencies such as damage or leaks. Protect from freezing.

## 8. Exposure controls/personal protection

**Occupational exposure limit values** No exposure value assigned for this specific material by the Occupational Safety and Health Service (OSH) of the New Zealand Department of Labour. However, the available exposure limits for ingredients are listed below:

New Zealand Occupational Safety and Health Service (OSH) Workplace Exposure Standards:

Substance	TWA		STEL		Notices
	ppm	mg/m <sup>3</sup>	ppm	mg/m <sup>3</sup>	
Styrene	50	213	100	426	Sk
Sodium hydroxide	-	2 (Peak Limitation)	-	-	-

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.

Peak Limitation: A ceiling concentration which should not be exceeded over a measurement period which should be as short as possible but not exceeding 15 minutes.

'Sk' Notice: Absorption through the skin may be a significant source of exposure. The exposure standard is invalidated if such contact should occur. No biological limit allocated.

**Biological Limit Values**

**Appropriate 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 an approved respirator with a replaceable organic vapour filter may be necessary. 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 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.

**Hand Protection** Where skin contact is likely to be prolonged or repeated, impervious rubber gloves such as neoprene, nitrile rubber or PVC are recommended. 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 workwear, e.g. cotton overalls buttoned at neck and wrist should be worn.

## 9. Physical and chemical properties

**Form** Liquid

**Appearance** Paste

**Colour** Violet

**Odour** Not available

**Melting Point** Not available

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<b>Boiling Point</b>	100°C (water)
<b>Solubility in Water</b>	Completely miscible
<b>Specific Gravity</b>	1.3
<b>pH</b>	Not available
<b>Vapour Pressure</b>	23 hPa (at 20°C)
<b>Vapour Density (Air=1)</b>	Heavier than air
<b>Evaporation Rate</b>	Slower than butyl acetate
<b>Odour Threshold</b>	Not available
<b>Viscosity</b>	Not available
<b>Volatile Component</b>	Not available
<b>Flash Point</b>	Not applicable
<b>Flammability</b>	Not flammable
<b>Auto-Ignition Temperature</b>	Not applicable
<b>Flammable Limits - Lower</b>	Not applicable
<b>Flammable Limits - Upper</b>	Not applicable
<b>Kinematic Viscosity</b>	Not available
<b>Dynamic Viscosity</b>	2000 mPa.s

## 10. Stability and reactivity

<b>Reactivity</b>	Reacts with incompatible materials.
<b>Chemical Stability</b>	Stable under normal conditions.
<b>Conditions to Avoid</b>	Extremes of temperature.
<b>Incompatible Materials</b>	Strong acids and oxidising agents.
<b>Hazardous Decomposition Products</b>	Thermal decomposition and combustion produce noxious fumes containing oxides of carbon and oxides of nitrogen.
<b>Hazardous Polymerization</b>	Will not occur.

## 11. Toxicological Information

<b>Toxicology Information</b>	Toxicity data not available for this product.
<b>Ingestion</b>	Ingestion may cause irritation to the gastric tract, with stomach pain, nausea and vomiting.
<b>Inhalation</b>	Inhalation of product vapours may cause irritation of the nose, throat and respiratory system.
<b>Skin</b>	Repeated or prolonged contact may result in slight skin irritation.
<b>Eye</b>	May be irritating to eyes. The symptoms may include redness, itching and tearing.
<b>Respiratory sensitisation</b>	Not expected to be a respiratory sensitiser.
<b>Skin Sensitisation</b>	Not expected to be a skin sensitiser.
<b>Germ cell mutagenicity</b>	Not considered to be a mutagenic hazard.
<b>Carcinogenicity</b>	Suspected of causing cancer. Classified as a suspected human carcinogen according to the Hazardous Substances (Minimum Degrees of Hazard) Regulations 2001, New Zealand.

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<b>Reproductive Toxicity</b>	Suspected of damaging fertility or the unborn child. Classified as a suspected human reproductive or developmental toxicant according to the Hazardous Substances (Minimum Degrees of Hazard) Regulations 2001, New Zealand.
<b>STOT-single exposure</b>	Not considered to cause toxicity to a specific target organ.
<b>STOT-repeated exposure</b>	Not considered to cause toxicity to a specific target organ.
<b>Aspiration Hazard</b>	Not expected to be an aspiration hazard.

## 12. Ecological information

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

## 13. Disposal considerations

<b>Disposal Considerations</b>	<p><b>Product Disposal:</b> Product wastes are controlled wastes and should be disposed of in accordance with all applicable local and national regulations. This product can be disposed through a licensed commercial waste collection service. In this specific case the product is water-based/water-soluble and therefore can be sent through a Waste Water Treatment Plant and after treatment can be discharged into environment through the sewerage or drainage systems as authorized.</p> <p>Do not dispose directly into the sewerage system. Do not discharge into drains or watercourses or dispose where ground or surface waters may be affected. Personal protective clothing and equipment as specified in Section 8 of this SDS must be worn during handling and disposal of this product. The ventilation requirements as specified in the same section must also be followed, and the precautions given in Section 7 of this SDS regarding handling must also be followed.</p> <p>In New Zealand, the disposal agency or contractor must comply with the New Zealand Hazardous Substances (Disposal) Regulations 2001. Further details regarding disposal can be obtained on the EPA New Zealand website under specific group standards.</p> <p><b>Container Disposal:</b> The container or packaging must be cleaned and rendered incapable of holding any substance. It can then be disposed of in a manner consistent with that of the substance it contained. In this instance the packaging can be disposed through a commercial waste collection service.</p> <p>Alternatively, the container or packaging can be recycled if the hazardous residues have been thoroughly cleaned or rendered non-hazardous.</p> <p>In New Zealand, the packaging (that may or may not hold any residual substance) that is lawfully disposed of by householders or other consumers through a public or commercial waste collection service is a means of compliance with regulations.</p>
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## 14. Transport information

<b>Transport Information</b>	<p><b>Road and Rail Transport (ADG Code):</b> Not classified as Dangerous Goods for transport according to the NZS 5433:2007 Transport of Dangerous Goods on Land</p> <p><b>Marine Transport (IMO/IMDG):</b> Not classified as Dangerous Goods by the criteria of the International Maritime Dangerous Goods Code (IMDG Code) for transport by sea.</p> <p><b>Air Transport (ICAO/IATA):</b></p>
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**IMDG Marine  
pollutant**

Not classified as Dangerous Goods by the criteria of the International Air Transport Association (IATA) Dangerous Goods Regulations for transport by air.  
No

## 15. Regulatory information

**Regulatory  
Information**

Classified as Hazardous according to the New Zealand Hazardous Substances (Minimum Degrees of Hazard) Regulations 2001.  
All components of this product are listed on the New Zealand Inventory of Chemicals (NZIoC) or exempted.  
Group Standard: Surface Coatings and Colourants (Toxic [6.7]) Group Standard 2006

**HSNO Approval  
Number**

HSR002679

## 16. Other Information

**Date of preparation  
or last revision of  
SDS**

SDS Created: May 2012

**Contact Person/Point**

Technical Support: 1800 812 864

...End Of MSDS...

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