



Infosafe No™ LPXJL

Issue Date : August 2008

ISSUED by PARCHEMN

Product Name : **SEALER PREP**

## 1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

**Product Name** SEALER PREP

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

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

**Emergency Tel.** 0800 154 666 (available 24/7)

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

**Recommended Use** Sealant preparation solvent.

**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. HAZARDS IDENTIFICATION

**Hazard Classification** New Zealand:  
Classified as Hazardous according to the New Zealand Hazardous Substances (Minimum Degrees of Hazard) Regulations 2001.  
Classified as Dangerous Goods for transport according to the New Zealand Standard NZS 5433:2007 Transport of Dangerous Goods on Land.

**HSNO Classification:**

- 3.1B - Flammable Liquid: High Hazard.
- 6.1D - Substance that is acutely toxic in contact with skin.
- 6.1D - Substance that is acutely toxic by inhalation.
- 6.1E - Substance that is acutely toxic if swallowed.
- 6.3A - Substance that is irritating to the skin.
- 6.4A - Substance that is irritating to the eye.
- 6.8B - Substance that is a suspected human reproductive or developmental toxicant.
- 6.9B - Substance that is harmful to human target organs or systems.
- 9.1D - Substance that is slightly harmful in the aquatic environment.
- 9.3C - Substance that is harmful to terrestrial vertebrates.

**Hazard Statement Codes:**

- H225 Highly flammable liquid and vapour.
- H305 May be harmful if swallowed and enters airways.
- H312 Harmful in contact with skin.
- H332 Harmful if inhaled.
- H315 Causes skin irritation.
- H320 Causes eye irritation.
- H361 Suspected of damaging fertility or the unborn child.
- H373 May cause damage to organs through prolonged or repeated exposure.

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H413 May cause long lasting harmful effects to aquatic life.  
H433 Harmful to terrestrial vertebrates.

**Precautionary Statement Codes- Prevention:**

P102 Keep out of reach of children. - This statement applies only where the substance is available to the general public.  
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.  
P210 Keep away from heat, sparks, open flames and hot surfaces. No smoking.  
P233 Keep container tightly closed.  
P240 Ground/bond container and receiving equipment.  
P241 Use explosion-proof electrical, ventilating and lighting equipment.  
P242 Use only non-sparking tools.  
P243 Take precautionary measures against static discharge.  
P260 Do not breathe mist, vapours or spray.  
P264 Wash skin thoroughly after handling.  
P270 Do not eat, drink or smoke when using this product.  
P271 Use only outdoors or in a well-ventilated area.  
P273 Avoid release to the environment.  
P280 Wear protective gloves, protective clothing and eye protection.

**Precautionary Statement Codes- Response:**

P101 If medical advice is needed, have product container or label at hand. - This statement applies only where the substance is available to the general public.  
P301+P310 IF SWALLOWED: Immediately call a POISON CENTRE or doctor/physician.  
P331 Do NOT induce vomiting.  
P302+P352 IF ON SKIN: Wash with plenty of soap and water.  
P332+P313 If skin irritation occurs: Get medical advice/ attention.  
P303+P361+P353 IF ON CLOTHING: Rinse immediately contaminated clothing and skin with plenty of water before removing clothes.  
P304+P340 IF INHALED: Remove to fresh air and keep at rest in a position comfortable for breathing.  
P331 Do NOT induce vomiting.  
P312 Call a POISON CENTRE or doctor/physician if you feel unwell.  
P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
P337+P313 If eye irritation persists: Get medical advice/attention.  
P308+P313 If exposed or concerned: Get medical advice/attention.  
P362 Take off contaminated clothing and wash before re-use.  
P391 Collect spillage.

**Precautionary Statement Codes - Storage:**

P403+P235 Store in a well-ventilated place. Keep cool.  
P405 Store locked up.

**Precautionary Statement Codes - Disposal:**

P501 In the case of a substance that is in compliance with a HSNO 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.

**Safety Phrase(s)**

S16 Keep away from sources of ignition - No smoking.  
S23 Do not breathe vapour or mists (aerosols).  
S26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.  
S29 Do not empty into drains.  
S33 Take precautionary measures against static discharges.  
S35 This material and its container must be disposed of in a safe way.  
S36/37/39 Wear suitable protective clothing, gloves and eye/face protection.  
S9 Keep container in a well ventilated place.

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### 3. COMPOSITION/INFORMATION ON INGREDIENTS

<u>Ingredients</u>	<u>Name</u>	<u>CAS</u>	<u>Proportion</u>
	Acetone	67-64-1	30-60 %
	Xylene	1330-20-7	30-50 %
	Ingredients determined not to be hazardous		0-10 %

### 4. FIRST AID MEASURES

<b>Inhalation</b>	If inhaled, remove from contaminated area. Apply artificial respiration if not breathing. Seek medical attention.
<b>Ingestion</b>	Do NOT induce vomiting. Wash out mouth with water. Seek medical attention.
<b>Skin</b>	Wash affected area thoroughly with copious amounts of running water. Remove contaminated clothing and wash before reuse or discard. Seek medical attention.
<b>Eye</b>	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. In all cases of eye contamination it is a sensible precaution to seek medical advice.
<b>First Aid Facilities</b>	Eye wash and normal washroom facilities.
<b>Advice to Doctor</b>	Treat symptomatically.
<b>Other Information</b>	For advice, contact a Poisons Information Centre (Phone eg Australia 131 126; New Zealand 0800 764 766) or a doctor (at once).

### 5. FIRE FIGHTING MEASURES

<b>Suitable Extinguishing Media</b>	Use foam, carbon dioxide or dry chemical to extinguish fire.
<b>Hazards from Combustion Products</b>	Under fire conditions this product may emit toxic and/or irritating fumes including carbon monoxide and carbon dioxide.
<b>Specific Hazards</b>	This product is highly flammable. Keep storage tanks, pipelines, fire-exposed surfaces etc cool with water spray. Shut off any leak if safe to do so and remove sources of re-ignition. Vapour/air mixtures may ignite explosively. Flashback along the vapour trail may occur. Runoff to sewer may create fire or explosion hazard.
<b>Hazchem Code</b>	3[Y]E
<b>Precautions in connection with Fire</b>	Fire-fighters should wear full protective clothing and self contained breathing apparatus (SCBA) operated in positive pressure mode. Water spray may be used to keep fire exposed containers cool.

### 6. ACCIDENTAL RELEASE MEASURES

<b>Emergency Procedures</b>	Wear appropriate personal protective equipment and clothing to minimise exposure. Extinguish or remove all sources of ignition and stop leak if safe to do so. Increase ventilation. Evacuate all unnecessary personnel. If possible contain the spill. Place inert absorbent material onto spillage. Use clean non-sparking tools to collect the material and place into a suitable labelled container. Do not dilute material but contain. Dispose of waste according to federal, Environmental Protection Authority and state regulations. If the spillage enters the waterways contact the Environmental Protection Authority, or your local Waste Management Authority.
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### 7. HANDLING AND STORAGE

<b>Precautions for Safe Handling</b>	Open containers cautiously as contents may be under pressure. Use only in a well ventilated area. DO NOT store or use in confined spaces. Keep tank covered and containers sealed when not in use. Build up of mists or vapours in the atmosphere must be prevented. Avoid inhalation of vapour and mists. Do not use near welding or other ignition sources and avoid sparks. Do NOT pressurise, cut, heat or weld containers as they may contain hazardous residues. Do not smoke. Wear appropriate protection. It is essential that all who come into contact with this material maintain high standards of personal
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**Conditions for Safe Storage**

hygiene i.e. Washing hands prior to eating, drinking, smoking or using toilet facilities.

Store in a cool, dry, well-ventilated area away from sources of ignition, 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. Always keep in containers made of the same material as the supply container. Have appropriate fire extinguishers available in and near the storage area. Take precautions against static electricity discharges. Use proper grounding 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.

**8. EXPOSURE CONTROLS/PERSONAL PROTECTION**
**National Exposure Standards**

No exposure standards have been established for this material by the Occupational Safety and Health Service (OSH) of the New Zealand Department of Labour. The available exposure standards for ingredients are stated 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>	
Xylene	50	217	-	-	-
Acetone	500	1185	1000	2375	-

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.

**Biological Limit Values**

No biological limit allocated.

**Engineering Controls**

Provide sufficient ventilation to keep airborne levels below the exposure limit. Where vapours or mists are generated, particularly in enclosed areas, and natural ventilation is inadequate, a flameproof exhaust ventilation system is required. Refer to AS 1940 - The storage and handling of flammable and combustible liquids and AS/NZS 2430.3.1:1997 : Classification of hazardous areas - Examples of area classification - General, for further information concerning ventilation requirements.

**Respiratory Protection**

If engineering controls are not effective in controlling airborne exposure then an approved respirator with a replaceable vapour/mist 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.

**Eye Protection**

Safety glasses with side shields, goggles or full-face shield as appropriate recommended. 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**

Wear gloves of impervious material. 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**

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**

Clear colourless liquid.

**Odour**

Characteristic odour.

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<b>Melting Point</b>	-94°C
<b>Boiling Point</b>	56°C
<b>Solubility in Water</b>	Partly soluble
<b>Specific Gravity</b>	0.83 at 23°C
<b>pH Value</b>	Not available
<b>Vapour Pressure</b>	Not available
<b>Vapour Density (Air=1)</b>	Not available
<b>Flash Point</b>	-17°C Closed Cup
<b>Flammability</b>	HIGHLY FLAMMABLE. This product should be stored and used in a well ventilated area away from naked flames, sparks and other sources of ignition. Electrically link and ground metal containers for transfers of the product to prevent accumulation of static electricity. Keep the container tightly closed.
<b>Auto-Ignition Temperature</b>	Not available
<b>Flammable Limits - Lower</b>	2.15%
<b>Flammable Limits - Upper</b>	13%

## 10. STABILITY AND REACTIVITY

<b>Chemical Stability</b>	Stable under normal conditions of storage and handling.
<b>Conditions to Avoid</b>	Heat, direct sunlight, open flames or other sources of ignition.
<b>Incompatible Materials</b>	Avoid contact with caustics, amines, alkanolamines, aldehydes, ammonia, strong oxidising agents, and chlorinated compounds. Incompatible materials and coatings include natural rubber, amine epoxy coatings, vinyl coatings, neoprene rubber, Buna N and PVC.
<b>Hazardous Decomposition Products</b>	Thermal decomposition may result in the release of toxic and/or irritating fumes and gases including carbon monoxide and carbon dioxide.
<b>Hazardous Polymerization</b>	Will not occur.

## 11. TOXICOLOGICAL INFORMATION

<b>Toxicology Information</b>	For Acetone: LD50(Oral, Rat): 5800-8400 mg/kg LD50(Dermal, Rabbit): 20000 mg/kg LC50(Inhalation, Rat): 32000 ppm/4hrs Eye irritation: 25-50 on a scale of 110, moderately irritating. Skin irritation: 0.5-3.0 on a scale of 8.0, slightly irritating.
<b>Inhalation</b>	Harmful by inhalation. Inhalation of product vapours will cause irritation of the nose, throat and respiratory system.
<b>Ingestion</b>	Harmful-may cause lung damage if swallowed. Small amounts of liquid aspirated into the respiratory system during ingestion or from vomiting may cause severe pulmonary injury that may lead to death. Ingestion may also cause nausea, vomiting and CNS depression with symptoms including drowsiness, dizziness, weakness, fatigue, headache, confusion and possible unconsciousness.
<b>Skin</b>	Harmful in contact with skin. Irritating to skin resulting in redness and itching.
<b>Eye</b>	Irritating to eyes. On eye contact this product will cause tearing, stinging, blurred vision, and redness.
<b>Chronic Effects</b>	Prolonged and repeated exposure through skin contact, inhalation or swallowing of this material can result in serious harmful effects including central nervous system depression. Systemic effects of chronic exposure can also include damage to kidneys and liver.

## 12. ECOLOGICAL INFORMATION

<b>Ecotoxicity</b>	Not available
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<b>Persistence / Degradability</b>	Biodegradable. When released to the atmosphere, acetone will degrade mainly by photooxidation and, to a lesser extent by reaction with hydroxy radicals. The half-life of the reactions with hydroxy radicals is approximately one month. Acetone is considered to have very low 'photochemical ozone creation potential'(POCP). Acetone can be removed from the air by rainfall but this does not appear to be the most significant route most of the time.
<b>Mobility</b>	Not available
<b>Bioaccumulative Potential</b>	Acetone has negligible potential to bioaccumulate.
<b>Environ. Protection</b>	Do not discharge the product into drains, waterways or sewers.

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### 13. DISPOSAL CONSIDERATIONS

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<b>Disposal Considerations</b>	Dispose of waste according to federal, EPA and state regulations. Labels should not be removed from containers until they have been cleaned. Do not cut, puncture or weld on or near containers. Empty containers may contain hazardous residues. Contaminated containers must not be treated as household waste. Containers should be cleaned by appropriate methods and then re-used or disposed of by landfill or incineration as appropriate. Do not incinerate closed containers. Advise flammable nature.
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### 14. TRANSPORT INFORMATION

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<b>Transport Information</b>	<p>Road and Rail Transport: This material is classified as a Class 3 - Flammable Liquid according to NZS 5433:2007 Transport of Dangerous Goods on Land. Class 3 - Flammable Liquids must not be loaded in the same freight container or on the same vehicle with:</p> <ul style="list-style-type: none"><li>- Class 1, Explosives</li><li>- Class 2.1, Flammable gases</li><li>- Class 2.3, Toxic gases</li><li>- Class 4.2, Spontaneously combustible substances</li><li>- Class 5.1, Oxidising substances</li><li>- Class 5.2, Organic peroxides or</li><li>- Class 7, Radioactive materials unless specifically exempted.</li></ul> <p>It must not be loaded in the same freight container; and on the same vehicle must be separated horizontally by at least 3 metres unless all but one are packed in separate freight containers with:</p> <ul style="list-style-type: none"><li>- Class 4.3, Dangerous when wet substances</li></ul> <p>Goods of packing group II or III may be loaded in the same freight container or on the same vehicle if transported in segregation devices with:</p> <ul style="list-style-type: none"><li>- Class 4.2, Spontaneously combustible substances</li><li>- Class 4.3, Dangerous when wet substances</li><li>- Class 5.1, Oxidising substances</li><li>- Class 5.2, Organic peroxides</li></ul> <p>Marine Transport (IMO/IMDG): Classified as Dangerous Goods by the criteria of the International Maritime Dangerous Goods Code (IMDG Code) for transport by sea. UN-No: 1993 Proper Shipping Name: FLAMMABLE LIQUID, N.O.S. (CONTAINS ACETONE &amp; XYLENE) Class: 3 Packaging Group: II EMS No.: F-E, S-E IMDG Marine Pollutant: No</p> <p>Air Transport (ICAO/IATA): Classified as Dangerous Goods by the criteria of the International Air Transport Association (IATA) Dangerous Goods Regulations for transport by air. UN-No: 1993 Proper Shipping Name: Flammable liquid, n.o.s.. (Contains Acetone &amp; Xylene) Class: 3 Packaging Group: II Label: Flammable Liquid Packaging Instructions (passenger &amp; cargo): 305</p>
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<b>U.N. Number</b>	Packaging Instructions (cargo): 307 1993
<b>Proper Shipping Name</b>	FLAMMABLE LIQUID, N.O.S. - (CONTAINS ACETONE AND XYLENE)
<b>DG Class</b>	3
<b>Hazchem Code</b>	3[Y]E
<b>Packaging Method</b>	3.8.3RT1
<b>Packing Group</b>	II
<b>EPG Number</b>	3A1
<b>IERG Number</b>	14

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## 15. REGULATORY INFORMATION

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<b>Regulatory Information</b>	New Zealand: Classified as Hazardous according to the New Zealand Hazardous Substances (Minimum Degrees of Hazard) Regulations 2001. Group Standard: Solvents (Flammable) Group Standard 2006 HSNO Approval Number: HSR002650.
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## 16. OTHER INFORMATION

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<b>Date of preparation or last revision of MSDS</b>	MSDS Created: August 2008
<b>Contact Person/Point</b>	Technical Support: 1800 812 864 ...End Of MSDS...

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