

Infosafe No™ LPXJL	Issue Date : March 2012	ISSUED by PARCHEMN
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 Product Name **SEALER PREP (TYRE MARK REMOVER)**

Classified as hazardous

1. Identification

GHS Product Identifier	SEALER PREP (TYRE MARK REMOVER)
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	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



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. Classified as Dangerous Goods for transport according to the New Zealand Standard NZS 5433:2007 Transport of Dangerous Goods on Land. 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 ingestion. 6.1E - Substance that is acutely toxic if inhaled. 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.
Signal Word (s)	Danger
Hazard Statement (s)	H225 Highly flammable liquid and vapour. H302 Harmful if swallowed H312 Harmful in contact with skin. H333 May be harmful if inhaled. H315 Causes skin irritation. H319 Causes serious eye irritation. H361 Suspected of damaging fertility or the unborn child. H373 May cause damage to organs through prolonged or repeated exposure. (by ingestion and inhalation)

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Pictogram (s)	<p>H401 Toxic to aquatic life. H433 Harmful to terrestrial vertebrates. Flame, Health hazard, Exclamation mark</p> <div style="display: flex; justify-content: space-around; align-items: center;">    </div>
Precautionary statement – Prevention	<p>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. P273 Avoid release to the environment. P280 Wear protective gloves, protective clothing and eye protection.</p>
Precautionary statement – Response	<p>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. P308+P313 If exposed or concerned: Get medical advice/attention. P370+P378 In case of fire: Use foam, carbon dioxide or dry chemical to extinguish fire. INGESTION P301+P312 IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell. P330 Rinse mouth. P331 Do NOT induce vomiting. SKIN 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 SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower. P363 Wash contaminated clothing before reuse. INHALATION P304+P312 IF INHALED: Call a POISON CENTER or doctor/physician if you feel unwell. EYES 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. P403+P235 Store in a well-ventilated place. Keep cool. P405 Store locked up.</p>
Precautionary statement – Storage	
Precautionary statement – Disposal	<p>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.</p>

3. Composition/information on ingredients

Ingredients	<u>Name</u>	<u>CAS</u>	<u>Proportion</u>
	Xylene	1330-20-7	30-60 %

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Ingredients	<u>Name</u>	<u>CAS</u>	<u>Proportion</u>
	Acetone	67-64-1	30-60 %

4. First-aid measures

Inhalation	If inhaled, remove from contaminated area. Apply artificial respiration if not breathing. Seek medical attention.
Ingestion	Do NOT induce vomiting. Wash out mouth with water. Seek medical attention.
Skin	Remove contaminated clothing. Wash affected area thoroughly with soap and water. Wash contaminated clothing before re-use or discard. Seek medical attention.
Eye contact	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. Seek medical attention.
First Aid Facilities	Eye wash and normal washroom facilities.
Advice to Doctor	Treat symptomatically.
Other Information	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

Suitable extinguishing media	Use foam, carbon dioxide or dry chemical to extinguish fire.
Hazards from Combustion Products	Under fire conditions this product may emit toxic and/or irritating fumes including carbon monoxide and carbon dioxide.
Specific hazards arising from the chemical	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.
Hazchem Code	3[Y]E
Decomposition Temp.	Not available
Precautions in connection with Fire	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

Emergency Procedures	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

Precautions for Safe Handling	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 hygiene i.e. Washing hands prior to eating, drinking, smoking or using toilet facilities.
Conditions for safe storage, including any incompatibilities	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.

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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

Occupational exposure limit values 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 ³	ppm	mg/m ³	
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 Biological Exposure Indices BEI from American Conference of Industrial Hygienists (ACGIH) for ingredients are as follows

Name: Xylenes
 Determinant: Methylhippuric acids
 Specimen: Creatinine in urine.
 Value: 1.5 g/g
 Sampling time: end of shift.

Name: Acetone
 Determinant: Acetone in urine
 Value: 50 mg/L
 Sampling time: End of shift.

Appropriate 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

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Appearance	Clear colourless liquid.
Odour	Characteristic odour.
Decomposition Temperature	Not available
Melting Point	-94°C
Boiling Point	56°C
Solubility in Water	Partly soluble
Specific Gravity	0.83 at 23°C
pH	Not available
Vapour Pressure	Not available
Vapour Density (Air=1)	Not available
Evaporation Rate	Not available
Odour Threshold	Not available
Viscosity	Not available
Partition Coefficient: n-octanol/water	Not available
Flash Point	-17°C (Closed Cup)
Flammability	Highly flammable
Auto-Ignition Temperature	Not available
Flammable Limits - Lower	2.15%
Flammable Limits - Upper	13%

10. Stability and reactivity

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

11. Toxicological Information

Toxicology Information	Toxicity data not available
Inhalation	May be harmful by inhalation. Inhalation of product vapours may cause irritation of the nose, throat and respiratory system.
Ingestion	Harmful if swallowed. Ingestion of this product can cause irritation to the mouth, throat, oesophagus and stomach with symptoms of nausea, abdominal discomfort, vomiting and diarrhoea.
Skin	Harmful in contact with skin. Irritating to skin resulting in redness and itching.
Eye	Irritating to eyes. On eye contact this product will cause tearing, stinging, blurred vision, and redness.
Reproductive Toxicity	Suspected of damaging fertility or the unborn child.
Carcinogenicity	Not considered to be a carcinogenic hazard.

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Skin Sensitisation	Not expected to be a skin sensitiser
Aspiration Hazard	Not expected to be an aspiration hazard
STOT-single exposure	Not expected to cause toxicity to a specific target organ.
STOT-repeated exposure	May cause damage to organs through prolonged or repeated exposure by 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.
Germ cell mutagenicity	Not considered to be a mutagenic hazard.
Respiratory sensitisation	Not expected to be a skin sensitiser

12. Ecological information

Ecotoxicity	Toxic to aquatic life. Harmful to terrestrial vertebrates.
Persistence and degradability	Biodegradable.
Mobility	Not available
Bioaccumulative Potential	Acetone has negligible potential to bioaccumulate.
Environmental Protection	Do not discharge the product into drains, waterways or sewers.

13. Disposal considerations

Disposal Considerations	<p>Product Disposal:</p> <p>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 a solvent-based, flammable substance and therefore can be sent to an approved high temperature incineration plant for disposal. Large volumes may be re-distilled by solvent recovery contractors. 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>Do not dispose into the sewerage system. Do not discharge into drains or watercourses or dispose where ground or surface waters may be affected. 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 ERMA New Zealand website under specific group standards.</p> <p>Container Disposal:</p> <p>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. 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

Transport Information	<p>Road and Rail Transport:</p> <p>This material is classified as a Class 3 - Flammable Liquid according to NZS 5433:2007 Transport of Dangerous Goods on Land.</p> <p>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">- Class 1, Explosives
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- Class 2.1, Flammable gases
 - Class 2.3, Toxic gases
 - Class 4.2, Spontaneously combustible substances
 - Class 5.1, Oxidising substances
 - Class 5.2, Organic peroxides or
 - Class 7, Radioactive materials unless specifically exempted.
- 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:
- Class 4.3, Dangerous when wet substances
- 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:
- Class 4.2, Spontaneously combustible substances
 - Class 4.3, Dangerous when wet substances
 - Class 5.1, Oxidising substances
 - Class 5.2, Organic peroxides

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 & Xylene)

Class: 3

Packaging Group: II

EMS No.: F-E, S-E

Special Provision: 274

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 & Xylene)

Class: 3

Packaging Group: II

Label: Flammable Liquid

Packaging Instructions (passenger & cargo): 353

Packaging Instructions (cargo only): 364

1993

U.N. Number

UN proper shipping name FLAMMABLE LIQUID, N.O.S. - (CONTAINS ACETONE AND XYLENE)

Transport hazard class(es) 3

Hazchem Code 3[Y]E

Packaging Method 3.8.3RT1

Packing Group II

EPG Number 3A1

IERG Number 14

IMDG Marine pollutant 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:

Solvents (Flammable) Group Standard 2006

HSR002650.

HSNO Approval Number

16. Other Information

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Date of preparation or last revision of SDS SDS reviewed: March 2012, Supersedes: August 2008

SDS

Contact Person/Point Technical Support: 1800 812 864

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