

Infosafe No™ LQ35K	Issue Date : March 2014	ISSUED by PARCHEMN
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Product Name : **EMER-SEAL TRADE ACRYLIC**

Classified as hazardous

## 1. Identification

<b>GHS Product Identifier</b>	EMER-SEAL TRADE ACRYLIC
<b>Company Name</b>	Parchem Construction Supplies Pty Ltd (ABN 80 069 961 968)
<b>Address</b>	7 Lucca Road Wyong NSW 2259 Australia
<b>Telephone/Fax Number</b>	Tel: 02 4350 5000 Fax: 02 4351 2024
<b>Emergency phone number</b>	0800 154 666 (available 24/7)
<b>Recommended use of the chemical and restrictions on use</b>	Acrylic sealant. General purpose gap filler.
<b>Other Information</b>	Distributed in New Zealand by: Concrete Plus 23 Watts Road Sockburn New Zealand Tel: (03) 343 0090 Fax: (03) 343 0202

This SDS 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

<b>Classification of the substance or mixture</b>	Classified as Hazardous according to the Hazardous Substances (Minimum Degrees of Hazard) Regulations 2001, New Zealand. Not classified as Dangerous Goods for transport according to the New Zealand Standard NZS 5433:2012 Transport of Dangerous Goods on Land.
<b>Signal Word (s)</b>	HSNO Classification: 6.8B - Substance that is suspected to be a human reproductive or developmental toxicant 9.1D - Substance that is slightly harmful to the aquatic environment or is otherwise designed for biocidal action Warning
<b>Hazard Statement (s)</b>	H361 Suspected of damaging fertility or the unborn child. H413 May cause long lasting harmful effects to aquatic life.
<b>Pictogram (s)</b>	Health hazard



<b>Precautionary statement – Prevention</b>	P103 Read label 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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**Precautionary statement – Response**  
**Precautionary statement – Storage**  
**Precautionary statement – Disposal**

P273 Avoid release to the environment.  
P281 Use personal protective equipment as required.  
P308+P313 IF exposed or concerned: Get medical advice/ attention.  
  
P405 Store locked up.  
  
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. See Section 13 for disposal details.

### 3. Composition/information on ingredients

Ingredients	Name	CAS	Proportion
	Ethylene glycol	107-21-1	<1 %
	Diuron	330-54-1	<1 %
	Xylene	1330-20-7	<1 %
	Alpha Terpineol	98-55-5	<1 %
	Ingredients determined not to be hazardous		Balance

### 4. First-aid measures

<b>Inhalation</b>	If inhaled, remove affected person from contaminated area. Keep at rest until recovered. If symptoms develop and/or persist seek medical attention.
<b>Ingestion</b>	Do not induce vomiting. Wash out mouth thoroughly with water. Seek medical attention.
<b>Skin</b>	Wash affected area thoroughly with soap and water. 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>	Eyewash 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 or a doctor at once. (0800 764 766)

### 5. Fire-fighting measures

<b>Suitable extinguishing media</b>	Use extinguishing media suitable for surrounding environment.
<b>Hazards from Combustion Products</b>	Under fire conditions this product may emit toxic and/or irritating fumes and gases including carbon monoxide and carbon dioxide as well as trace amounts of acrylic monomers.
<b>Specific hazards arising from the chemical</b>	This product is non combustible. However heating can cause expansion or decomposition leading to violent rupture of containers.
<b>Decomposition Temp.</b>	Not available
<b>Precautions in connection with Fire</b>	Fire fighters should wear Self-Contained Breathing Apparatus (SCBA) operated in positive pressure mode and full protective clothing to prevent exposure to vapours or fumes. Water spray may be used to cool down heat-exposed containers.

### 6. Accidental release measures

<b>Personal precautions, protective equipment and emergency procedures</b>	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

### Precautions for Safe Handling

Use only in a well ventilated area. Keep containers sealed when not in use. Prevent the build up of mists or vapours in the work atmosphere. Avoid inhalation of vapours and mists, and skin or eye contact. Maintain high standards of personal hygiene i.e. Washing hands prior to eating, drinking, smoking or using toilet facilities. It is recommended that pregnant or breastfeeding women should not handle this product unless adequate exposure protection can be assured at all times. Female personnel planning pregnancy should be made aware of the potential risks.

### Conditions for safe storage, including any incompatibilities

Store in a cool, dry, well-ventilated area, out of direct sunlight. Store in suitable, labelled containers. Keep containers closed when not in use. Ensure that storage conditions comply with applicable local and national regulations.

## 8. Exposure controls/personal protection

### Occupational exposure limit values

No exposure standards have been established for the mixture. However, over-exposure to some chemicals may result in enhancement of pre-existing adverse medical conditions and/or allergic reactions and should be kept to the least possible levels.

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>	
Diuron	-	10	-	-	-
Ethylene glycol: - vapours & mist	50	127 (ceiling)	-	-	-
Xylene	50	217	-	-	-

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.

Ceiling: A concentration that should not be exceeded during any part of the working day.

### Biological Limit Values

Biological Exposure Indices (BEI) from American Conference of Industrial Hygienists (ACGIH) for ingredients are as follows:

Determinant	Sampling Time	Biological Exposure
Indice (BEI)		
XYLENES [1330-20-7) Methylhippuric acids in urine	End of shift	1.5 g/g creatinine

### Appropriate engineering controls

Provide sufficient ventilation to keep airborne levels below the exposure limits. Where vapours or mists are generated, particularly in enclosed areas, and natural ventilation is inadequate, a flameproof exhaust ventilation system is required. Refer to relevant regulations 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 vapor/ mist filter should be used. Refer to relevant regulations for further information concerning respiratory protective requirements. 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, chemical goggles or full-face shield as appropriate should be used. Final choice of appropriate eye/face protection will vary according to individual circumstances. Eye protection devices should conform to relevant regulations.

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<b>Hand Protection</b>	Eye protection should conform with Australian/New Zealand Standard AS/NZS 1337 - Eye Protectors for Industrial Applications. Wear gloves of impervious material such as laminated film or nitrile. Final choice of appropriate gloves will vary according to individual circumstances i.e. methods of handling or according to risk assessments undertaken. Occupational protective gloves should conform to relevant regulations. Reference should be made to AS/NZS 2161.1: Occupational protective gloves - Selection, use and maintenance.
<b>Body Protection</b>	Suitable protective workwear, e.g. cotton overalls buttoned at neck and wrist is recommended. Chemical resistant apron is recommended where large quantities are handled.

## 9. Physical and chemical properties

<b>Appearance</b>	Paste
<b>Colour</b>	Grey
<b>Odour</b>	Mild acrylic odour.
<b>Decomposition Temperature</b>	Not available
<b>Melting Point</b>	Not available
<b>Boiling Point</b>	100°C (initial, water)
<b>Solubility in Water</b>	Miscible in water.
<b>Specific Gravity</b>	1.52 (23°C)
<b>pH</b>	Not available
<b>Vapour Pressure</b>	<0.1 kPa (25°C)
<b>Vapour Density (Air=1)</b>	Not available
<b>Evaporation Rate</b>	Not available
<b>Odour Threshold</b>	Not available
<b>Viscosity</b>	Refer to Section 9: Kinematic Viscosity and Dynamic Viscosity
<b>Partition Coefficient: n-octanol/water</b>	Not available
<b>Flash Point</b>	Not available
<b>Flammability</b>	Non-flammable
<b>Auto-Ignition Temperature</b>	Not available
<b>Flammable Limits - Lower</b>	Not available
<b>Flammable Limits - Upper</b>	Not available
<b>Explosion Properties</b>	Not available
<b>Oxidising Properties</b>	Not available
<b>Kinematic Viscosity</b>	Not available
<b>Dynamic Viscosity</b>	Not available

## 10. Stability and reactivity

<b>Reactivity</b>	Refer to Sec 10: Possibility of hazardous reactions
<b>Chemical Stability</b>	Stable under normal conditions of storage and handling.
<b>Conditions to Avoid</b>	Extremes of temperature and direct sunlight.
<b>Incompatible Materials</b>	Oxidising agents and strong acids.

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**Hazardous Decomposition Products** Under fire conditions this product may emit toxic and/or irritating fumes and gases including carbon monoxide and carbon dioxide as well as trace amounts of acrylic monomers.

**Hazardous Polymerization** Will not occur.

### 11. Toxicological Information

**Toxicology Information** No toxicity data is available for this material.

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

**Inhalation** Inhalation of product vapours may cause irritation of the nose, throat and respiratory system.

**Skin** May be irritating to skin. The symptoms may include redness and itching.

**Eye** May be irritating to eyes. The symptoms may include redness, itching and tearing.

**Respiratory sensitisation** Not expected to be a respiratory sensitiser.

**Skin Sensitisation** Not expected to be a skin sensitiser.

**Germ cell mutagenicity** Not considered to be a mutagenic hazard.

**Carcinogenicity** Xylene is listed as a Group 3: Not classifiable as to carcinogenicity to humans according to International Agency for Research on Cancer (IARC). Suspected of damaging fertility or the unborn child.

**Reproductive Toxicity**

**STOT-single exposure** Not expected to cause toxicity to a specific target organ.

**STOT-repeated exposure** Not expected to cause toxicity to a specific target organ.

**Aspiration Hazard** Not expected to be an aspiration hazard.

### 12. Ecological information

**Ecotoxicity** May cause long lasting harmful effects to aquatic life.

**Persistence and degradability** Not available

**Mobility** Not available

**Bioaccumulative Potential** Not available

**Environmental Protection** Prevent large quantities of this material entering waterways, drains and sewers.

### 13. Disposal considerations

**Disposal Considerations** Product Disposal:  
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.  
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.  
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

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specific group standards.

**Container Disposal:**

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.

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.

## 14. Transport information

**Transport Information**

Road and Rail Transport:

Not classified as Dangerous Goods for transport according to the NZS 5433:2012 Transport of Dangerous Goods on Land.

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.  
No

**IMDG Marine pollutant**

## 15. Regulatory information

**National and or International Regulatory Information  
HSNO Approval Number**

Classified as Hazardous according to the New Zealand Hazardous Substances (Minimum Degrees of Hazard) Regulations 2001.

Group Standard:

Construction Products (Subsidiary Hazard) Group Standard 2006

HSR002544

## 16. Other Information

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

SDS Created: March 2014

**Literature References**

Workplace Exposure Standards and Biological Exposure Indices , Department of Labour , Health & Safety.

Transport of Dangerous goods on land NZS 5433.

Preparation of Safety Data Sheets - Approved Code of Practice Under the HSNO Act 1996 (HSNO CoP 8-1 09-06).

Assigning a hazardous substance to a group standard.

American Conference of Industrial Hygienists (ACGIH).

**Contact Person/Point**

Technical Support: 1800 812 864

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