

Infosafe No™ LQ13W	Issue Date : May 2012	ISSUED by PARCHEMN
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Product Name : **EMER-PROOF ECOFLEX ANTI ROOT (AR)**

Not classified as hazardous

1. Identification

GHS Product Identifier	EMER-PROOF ECOFLEX ANTI ROOT (AR)
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	Waterproof membrane/bituminous protective coating for subterranean areas.
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	Not 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.
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3. Composition/information on ingredients

Ingredients	Name	CAS	Proportion
	Asphalt, oxidized	64742-93-4	30-60 %
	Ingredients determined not to be hazardous, including water.		Balance

4. First-aid measures

Inhalation	If inhaled, remove affected person from contaminated area. Keep at rest until recovered. If symptoms persist seek medical attention.
Ingestion	Do NOT induce vomiting. Wash out mouth with water. If symptoms develop seek medical attention.
Skin	Wash affected area thoroughly with soap and water. Remove contaminated clothing and wash before reuse or discard. If symptoms develop 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. If symptoms develop and persist 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 Australia 13 1126; New Zealand 0800 POISON / 0800 764 766) or a doctor at once.

5. Fire-fighting measures

Suitable extinguishing media Use carbon dioxide, dry chemical, foam, water fog or water mist.

Hazards from Combustion Products Under fire conditions this product may emit toxic and/or irritating fumes, smoke and gases, including carbon monoxide and carbon dioxide.

Specific hazards arising from the chemical This product is not flammable, however, following evaporation of the aqueous component, residue may burn if ignited.

Precautions in connection with Fire 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

Emergency Procedures Spilled material is 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.

7. Handling and storage

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.

8. Exposure controls/personal protection

Occupational exposure limit values No exposure standards have been established for the mixture by the Occupational Safety and Health Service (OSH) of the New Zealand Department of Labour. 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.

Biological Limit Values No biological limit allocated.

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,

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Body Protection use and maintenance.
Suitable workwear, e.g. cotton overalls buttoned at neck and wrist should be worn.

9. Physical and chemical properties

Form	Liquid
Appearance	Thixotropic liquid/paste
Colour	Dark brown/black
Odour	Not available
Melting Point	Not available
Boiling Point	100°C (water)
Solubility in Water	Dilutable
Specific Gravity	1.2 kg/l
pH	Not available
Vapour Pressure	As for water
Vapour Density (Air=1)	<1 water
Evaporation Rate	Not available
Odour Threshold	Not available
Viscosity	Not available
Volatile Component	Not available
Flash Point	Not applicable
Flammability	Not flammable
Auto-Ignition Temperature	Not applicable
Flammable Limits - Lower	Not applicable
Flammable Limits - Upper	Not applicable
Kinematic Viscosity	Not available
Dynamic Viscosity	Not available

10. Stability and reactivity

Reactivity	Reacts with incompatible materials.
Chemical Stability	Stable under normal conditions.
Conditions to Avoid	Extremes of temperature.
Incompatible Materials	Solvents, strong oxidisers, strong acids and alkalis.
Hazardous Decomposition Products	Thermal decomposition and combustion produce noxious fumes containing oxides of carbon and oxides of nitrogen.
Hazardous Polymerization	Will not occur.

11. Toxicological Information

Toxicology Information	Toxicity data not available for this product.
Ingestion	Ingestion may cause irritation to the gastric tract, with stomach pain, nausea and vomiting.
Inhalation	Inhalation of product vapours may cause irritation of the nose, throat and respiratory system.

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Skin	Repeated or prolonged contact may result in slight skin irritation.
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	Not considered to be a carcinogenic hazard.
Reproductive Toxicity	Not considered to be toxic to reproduction.
STOT-single exposure	Not considered to cause toxicity to a specific target organ.
STOT-repeated exposure	Not considered to cause toxicity to a specific target organ.
Aspiration Hazard	Not expected to be an aspiration hazard.

12. Ecological information

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

13. Disposal considerations

Disposal Considerations	<p>Product Disposal: This product can be disposed through a licensed commercial waste collection service, in accordance with applicable local and national regulations. This product is non-hazardous and therefore the New Zealand HSNO regulations regarding disposal do not apply. However other regulations may apply. This is a water-based/water-soluble product 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>Container Disposal: The product is non-hazardous, therefore, the packaging may be re-used or recycled if it has been treated to remove any residual contents of the substance. Any wash-off water from the container cleaning process should be sent to a suitable waste water treatment plant before discharge into the environment. In New Zealand, the packaging (that may or may not contain 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 (ADG Code): Not classified as Dangerous Goods for transport according to the NZS 5433:2007 Transport of Dangerous Goods on Land.</p> <p>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.</p> <p>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.</p>
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IMDG Marine pollutant No

15. Regulatory information

Regulatory Information Not 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.

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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