

Infosafe No™ LPTED	Issue Date : November 2011	ISSUED by PARCHEMD
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Product Name **VANDEX CEMELAST**

Not classified as hazardous

## 1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

<b>Product Name</b>	VANDEX CEMELAST
<b>Company Name</b>	Parchem Construction Supplies Pty Ltd (ABN ABN 80 069 961)
<b>Address</b>	7 Lucca Road Wyong NSW 2259 Australia
<b>Emergency Tel.</b>	Australia 1800 638 556 and New Zealand 0800 154 666 (both available 24/7)
<b>Telephone/Fax Number</b>	Tel: 02 4350 5000 Fax: 02 4351 2024
<b>Recommended Use</b>	Emulsion for flexibilising Vandex BB75Z.
<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 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.

Australia: [www.parchem.com.au](http://www.parchem.com.au)  
New Zealand: [www.parchem.co.nz](http://www.parchem.co.nz)

## 2. HAZARDS IDENTIFICATION

<b>Hazard Classification</b>	Not classified as hazardous Australia: Not classified as Hazardous according to criteria of National Occupational Health & Safety Commission, Australia (NOHSC). Not classified as Dangerous Goods according to the Australian Code for the Transport of Dangerous Goods by Road and Rail.  New Zealand: Not 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 5433:2007 Transport of Dangerous Goods on Land.
<b>Safety Phrase(s)</b>	S24/25 Avoid contact with skin and eyes.

## 3. COMPOSITION/INFORMATION ON INGREDIENTS

<b>Information on Composition</b>	Water-based dispersion of butadiene styrene copolymer.				
<b>Ingredients</b>	<u>Name</u>	<u>CAS</u>	<u>Proportion</u>	<u>Hazard Symbol</u>	<u>Risk Phrase</u>
	Ingredients determined not to be hazardous		100 %		

## 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 thoroughly with water. If symptoms

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<b>Skin</b>	develop seek medical attention. Wash affected area thoroughly with soap and water. If symptoms develop seek medical attention.
<b>Eye</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 (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>	Foam, dry chemical powder, carbon dioxide, water fog or water spray.
<b>Hazards from Combustion Products</b>	Under fire conditions this product may emit toxic and/or irritating fumes, smoke and gases including styrene/butadiene monomers, carbon monoxide and carbon dioxide.
<b>Specific Hazards</b>	The product is not combustible, but under fire conditions, the non-aqueous components may decompose and/or burn after the water component evaporates.
<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>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. Note: The polymer may adhere securely to most surfaces when spilt. It may be scraped off after softening with hot water and removed with a high pressure water jet.
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## 7. HANDLING AND STORAGE

<b>Precautions for Safe Handling</b>	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.
<b>Conditions for Safe Storage</b>	Store in a cool, dry, well-ventilated area, out of direct sunlight. Ideal storage between 5°C and 35°C. Protect from frost. Store in suitable, labelled containers. Keep containers closed when not in use. Ensure that storage conditions comply with applicable local and national regulations.
<b>Storage Temperatures</b>	Ideal storage between 5°C and 35°C.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

<b>National Exposure Standards</b>	No exposure standards have been established for the mixture by the National Occupational Health & Safety Commission (NOHSC), Australia or 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.
<b>Biological Limit Values</b>	No biological limits allocated.

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<b>Engineering Controls</b>	Use with good general ventilation. If mists or vapours are produced, local exhaust ventilation should be used.
<b>Respiratory Protection</b>	If engineering controls are not effective in controlling airborne exposure then an approved respirator with a replaceable 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.
<b>Eye Protection</b>	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.
<b>Hand Protection</b>	Wear laminated film, nitrile, neoprene or other suitable, impervious gloves. 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.
<b>Body Protection</b>	Suitable protective workwear, e.g. cotton overalls buttoned at neck and wrist.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

<b>Appearance</b>	White liquid
<b>Odour</b>	Faint aromatic odour
<b>Decomposition Temperature</b>	Not available
<b>Melting Point</b>	Not available
<b>Boiling Point</b>	Not available
<b>Solubility in Water</b>	Insoluble, but miscible in all proportions.
<b>Specific Gravity</b>	0.9-1.1
<b>pH Value</b>	9.0-10.0
<b>Vapour Pressure</b>	23 hPa at 20°C (water)
<b>Evaporation Rate</b>	Not available
<b>Viscosity</b>	100-1000 mPa.s
<b>Flash Point</b>	Not applicable
<b>Flammability</b>	Non-combustible
<b>Auto-Ignition Temperature</b>	Not applicable
<b>Flammable Limits - Lower</b>	Not applicable
<b>Flammable Limits - Upper</b>	Not applicable

## 10. STABILITY AND REACTIVITY

<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>	None
<b>Hazardous Decomposition Products</b>	Thermal decomposition products include monomers, carbon monoxide and carbon dioxide.
<b>Hazardous Polymerization</b>	Will not occur

## 11. TOXICOLOGICAL INFORMATION

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<b>Toxicology Information</b>	Not available
<b>Inhalation</b>	Inhalation of product vapours may cause irritation of the nose, throat and respiratory system.
<b>Ingestion</b>	Ingestion of this product may irritate the gastric tract causing nausea and vomiting.
<b>Skin</b>	May be irritating to skin. The symptoms may include redness, itching and swelling.
<b>Eye</b>	May be irritating to eyes. The symptoms may include redness, itching and tearing.
<b>Chronic Effects</b>	Not available

## 12. ECOLOGICAL INFORMATION

<b>Ecotoxicity</b>	Not available
<b>Persistence / Degradability</b>	DOC elimination after 2 days: 98% (OECD 302B). The product can be virtually eliminated from water by abiotic processes, eg. adsorption onto activated sludge.
<b>Mobility</b>	Not available
<b>Bioaccumulative Potential</b>	No evidence for bioaccumulation.
<b>Environ. Protection</b>	Do not discharge the product into drains, waterways or sewers.

## 13. DISPOSAL CONSIDERATIONS

<b>Disposal Considerations</b>	<p><b>Product Disposal:</b> 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. It can be disposed in a licensed landfill facility.</p> <p><b>Container Disposal:</b> 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

<b>Transport Information</b>	<p><b>Road and Rail Transport:</b> Australia: Not classified as Dangerous Goods according to the Australian Code for the Transport of Dangerous Goods by Road and Rail (ADG Code) (7th edition). New Zealand: 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> 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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## 15. REGULATORY INFORMATION

<b>Regulatory Information</b>	<p>Australia: Not classified as Hazardous according to criteria of National Occupational Health &amp; Safety Commission (NOHSC), Australia.</p>
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**Poisons Schedule**

Not classified as a Scheduled Poison according to the Standard for the Uniform Scheduling of Medicines and Poisons (SUSMP).  
Not Scheduled

**National and or  
International  
Regulatory  
Information**

New Zealand:  
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.

**AICS (Australia)**

All components of this product are listed on the Australian Inventory of Chemical Substances (AICS) or otherwise are in compliance with NICNAS requirements.

**16. OTHER INFORMATION****Date of preparation  
or last revision of  
MSDS**

MSDS Reviewed: November 2011  
Supersedes: September 2009

**Contact  
Person/Point**

Technical Support: 1800 812 864

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