



# Material Safety Data Sheet

Infosafe No. LPTQA Issue Date : May 2006 ISSUED by PARCHEMC

Product Name : EMER-CLAD SATIN

## 1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

**Product Name** EMER-CLAD SATIN  
**Company Name** Parchem Construction Products Pty Ltd (ABN 80 069 961 968)  
**Address** 7 Lucca Road Wyong  
NSW 2259 Australia  
**Emergency Tel.** 1800 638 556  
**Telephone/Fax Number** Tel: 02 4350 5000 Fax: 02 4351 2024  
**Recommended Use** Architectural coating.  
**Other Information** This MSDS summaries 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 Products 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 term and conditions, a copy of which is sent to our customers and is also available upon request.  
[www.parchem.com.au](http://www.parchem.com.au)

## 2. HAZARDS IDENTIFICATION

**Hazard Classification** HAZARDOUS SUBSTANCE.  
NON-DANGEROUS GOODS.  
Hazard classification according to the criteria of NOHSC.  
Dangerous goods classification according to the Australia Dangerous Goods Code.  
**Risk Phrase(s)** R20/22 Harmful by inhalation and if swallowed.  
**Safety Phrase(s)** S23 Do not breathe gas/fumes/vapour/spray  
S46 If swallowed, seek medical advice immediately and show this container or label.

## 3. COMPOSITION/INFORMATION ON INGREDIENTS

Ingredients	Name	CAS	Proportion
	Acrylic copolymer		30-60 %
	Titanium Dioxide	13463-67-7	1-15 %
	2,2,4-trimethyl-1,3-pentanediol monoisobutyrate	25265-77-4	0-5 %
	Barium sulphate	7727-43-7	0-5 %
	Mica	12001-26-2	0-5 %
	Barium Metaborate	13701-59-2	0-5 %
	Ingredients deemed not to be hazardous		Balance

## 4. FIRST AID MEASURES

**Inhalation** Remove the source of contamination or move the victim to fresh air. Ensure airways are clear and have qualified person give oxygen through a face mask if breathing is difficult. Apply artificial respiration if not breathing. Seek medical attention.  
**Ingestion** Do NOT induce vomiting. Wash out mouth with water. Seek medical attention.  
**Skin** Wash affected area thoroughly with copious amounts of running water. Remove contaminated clothing and wash before reuse. If symptoms develop seek medical attention.



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**Eye** 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.

**First Aid Facilities** Eye wash and normal washroom facilities.

**Advice to Doctor** Treat symptomatically.

## 5. FIRE FIGHTING MEASURES

**Suitable Extinguishing Media** Water spray or jets, foam, carbon dioxide and dry chemical.

**Hazards from Combustion Products** When thermally decomposing may emit toxic fumes including carbon monoxide and carbon dioxide as well as trace amounts of sulfur, boron and barium.

**Specific Hazards** This product is not combustible. However, following evaporation of the aqueous component, product residue may burn in a fire.

**Hazchem Code** None Allocated

**Precautions in connection with Fire** Fire-fighters should wear full protective clothing and self contained breathing apparatus (SCBA) operated in positive pressure mode.

## 6. ACCIDENTAL RELEASE MEASURES

**Emergency Procedures** Slippery when spilled. Avoid accidents, clean up immediately. Wear appropriate personal protective equipment and clothing to minimise exposure. Evacuate all unnecessary personnel. If possible contain the spill, prevent run-off into drains and waterways. Place inert absorbent material onto spillage. Dispose of waste according to federal, Environmental Protection Authority and state regulations. If large quantities of this material enter the waterways contact the Environmental Protection Authority, or your local Waste Management Authority.

## 7. HANDLING AND STORAGE

**Precautions for Safe Handling** Repeated or prolonged contact with this material should be avoided in order to lessen the possibility of skin disorders. It is essential that all who come into contact with this material maintain high standards of personal hygiene ie. washing hands prior to eating, drinking or going to the toilet. Build-up of mists in the working atmosphere must be prevented. Keep container closed when not in use.

**Conditions for Safe Storage** Store in a cool, dry, well-ventilated area, away from sources of ignition and out of direct sunlight. Keep containers closed when not in use. Store in suitable, labelled containers.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

**National Exposure Standards** Australian National Occupational Health And Safety Commission (NOHSC) Exposure Standards:

Substance	TWA		STEL	
	ppm	mg/m <sup>3</sup>	ppm	mg/m <sup>3</sup>
Barium, soluble compounds (as Ba)	-	0.5	-	-

When the product is sanded or ground dust is generated:

Substance	TWA		STEL	
	ppm	mg/m <sup>3</sup>	ppm	mg/m <sup>3</sup>
Titanium Dioxide	-	10	-	-
Mica	-	2.5	-	-

**Biological Limit Values** No biological limit allocated.

**Other Exposure Information** TWA - the Time-Weighted Average airborne concentration over an eight-hour working day, for a five-day working week over an entire working life. According to current knowledge these concentrations should neither impair the health of, nor cause undue discomfort to, nearly all workers. These Exposure Standards are guides to be used in the control of occupational health hazards. All atmospheric contamination should be kept to as low a level as is workable. Exposure Standards should not be used as fine dividing lines between safe and dangerous concentrations of chemicals. They are not a measure of relative toxicity.



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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 respiratory protective equipment should be used suitable for protecting against airborne contaminants. Final choice of appropriate breathing protection is dependent upon actual airborne concentrations and the type of breathing protection required will vary according to individual circumstances. Expert advice may be required to make this decision. 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.
<b>Eye Protection</b>	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.
<b>Hand Protection</b>	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.
<b>Body Protection</b>	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.

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## 9. PHYSICAL AND CHEMICAL PROPERTIES

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<b>Appearance</b>	Thixotropic liquid, varying colours.
<b>Odour</b>	Mild and inoffensive odour.
<b>Melting Point</b>	Not available.
<b>Boiling Point</b>	Not available.
<b>Solubility in Water</b>	Miscible.
<b>Specific Gravity</b>	1.27
<b>pH Value</b>	Not available.
<b>Vapour Pressure</b>	Not available.
<b>Vapour Density (Air=1)</b>	Not available.
<b>Flash Point</b>	Not available.
<b>Auto-Ignition Temperature</b>	Not available.
<b>Flammable Limits - Lower</b>	Not available.
<b>Flammable Limits - Upper</b>	Not available.

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## 10. STABILITY AND REACTIVITY

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<b>Chemical Stability</b>	Stable under normal conditions.
<b>Conditions to Avoid</b>	Heat, direct sunlight, open flames or other sources of ignition.
<b>Incompatible Materials</b>	Strong acids and oxidising agents.
<b>Hazardous Decomposition Products</b>	Thermal decomposition may result in the release of toxic and/or irritating fumes including carbon monoxide and carbon dioxide, as well as sulfur, boron and barium.
<b>Hazardous Polymerization</b>	Will not occur.

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## 11. TOXICOLOGICAL INFORMATION

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**Toxicology Information** Barium metaborate:  
LD50/oral/rat: 3,800 mg/kg  
2,2,4-trimethyl-1,3-pentanediol monoisobutyrate:  
LD50/rat/oral: 3,200 mg/kg

**Inhalation** Harmful by inhalation. Inhalation of product vapours will cause irritation of the nose, throat and respiratory system.

**Ingestion** Harmful if swallowed. Ingestion of this product will irritate the gastric tract causing nausea and vomiting.

**Skin** May cause redness, itching and irritation.

**Eye** May cause eye irritation, tearing, stinging, blurred vision, and redness.

**Chronic Effects** Prolonged inhalation of vapours may lead to adverse effects on the central nervous system.

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## 12. ECOLOGICAL INFORMATION

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**Ecotoxicity** No data is available for this material.

**Persistence / Degradability** Will readily biodegrade and is not expected to persist in soils or water.

**Mobility** No data is available for this material.

**Environ. Protection** Prevent this material entering waterways, drains and sewers.

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## 13. DISPOSAL CONSIDERATIONS

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**Disposal Considerations** Dispose of waste according to federal, EPA and state regulations.

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## 14. TRANSPORT INFORMATION

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**Transport Information** Not classified as Dangerous Goods according to the Australian Code for the Transport of Dangerous Goods by Road and Rail.

**U.N. Number** None Allocated

**Proper Shipping Name** None Allocated

**DG Class** None Allocated

**Hazchem Code** None Allocated

**Packing Group** None Allocated

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## 15. REGULATORY INFORMATION

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**Poisons Schedule** Not Scheduled

**Hazard Category** Harmful

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## 16. OTHER INFORMATION

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**Date of preparation or last revision of MSDS** MSDS reviewed: May 2006.  
MSDS creation: September 2004.

**Contact Person/Point** Technical Support: 1800 812 864  
...End Of MSDS...