



Material Safety Data Sheet

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Infosafe No. LPTQ3 Issue Date : May 2006 ISSUED by PARCHEMC

Product Name : EMER-CLAD MATT

1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

Product Name EMER-CLAD MATT
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 and waterproofing membrane.
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

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 %
	Hydrated Alumina	21645-51-2	10-30 %
	Titanium Dioxide	13463-67-7	1-10 %
	Zinc oxide	1314-13-2	0-4.99 %
	2,2,4-trimethyl-1,3-pentanediol monoisobutyrate	25265-77-4	0-4.99 %
	Chlorinated paraffin		0-4.99 %
	Barium Metaborate	13701-59-2	0-4.99 %
	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 chlorine, 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 ³	ppm	mg/m ³
Barium, soluble compounds (as Ba)	-	0.5mg	-	-

When the product is sanded or ground, dust will be generated:

Substance	TWA		STEL	
	ppm	mg/m ³	ppm	mg/m ³
Titanium Dioxide	-	10	-	-
Zinc oxide	-	10	-	-

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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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 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.
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

Appearance	Thixotropic liquid, varying colours.
Odour	Mild and inoffensive odour.
Melting Point	Not available.
Boiling Point	Not available.
Solubility in Water	Miscible.
Specific Gravity	1.34
pH Value	Not available.
Vapour Pressure	Not available.
Vapour Density (Air=1)	Not available.
Flash Point	Not available.
Auto-Ignition Temperature	Not available.
Flammable Limits - Lower	Not available.
Flammable Limits - Upper	Not available.

10. STABILITY AND REACTIVITY

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

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.

12. ECOLOGICAL INFORMATION

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.

13. DISPOSAL CONSIDERATIONS

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

14. TRANSPORT INFORMATION

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

15. REGULATORY INFORMATION

Poisons Schedule Not Scheduled

Hazard Category Harmful

16. OTHER INFORMATION

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

Contact Person/Point Technical Support: 1800 812 864
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