

Material Safety Data Sheet

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Infosafe No. ACRW9 Issue Date : September 2003 ISSUED by MEPFILMS

Product Name : **M1 - WATER BASED RUST PROOFING PRIMER**

Not classified as hazardous according to criteria of NOHSC

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND COMPANY

Product Name M1 - WATER BASED RUST PROOFING PRIMER
Product Use Protective coating.
Company Name MEP FILMS (ABN 39070718119)
Address 275 Canterbury Road Canterbury
Victoria 3126 Australia
Telephone Number/Fax Tel: (03) 9888-6789 Fax: (03) 8809 2700

2. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Characterization Liquid

Ingredients	Name	CAS	Proportion
	Styrene-butadiene copolymer		60-80 %
	Sodium hydroxide	1310-73-2	0-0.2 %
	Styrene	100-42-5	0-0.1 %
	Other ingredients determined not to be hazardous, including water		Balance

3. HAZARDS IDENTIFICATION

Not classified as hazardous according to criteria of NOHSC.
Not classified as a Dangerous Good according to the ADG Code.

4. FIRST AID MEASURES

Inhalation In the unlikely event of dizziness or nausea, remove casualty to fresh air. If symptoms persist, obtain medical attention.

Ingestion DO NOT induce vomiting. Immediately wash mouth out with water. If symptom develops or persists, seek medical attention.

Skin Wash gently and thoroughly with water and non-abrasive soap. Contaminated clothing and footwear should be removed as soon as practical and thoroughly cleaned before reuse. If irritation persists or develops, seek medical attention.

Eye If contact with the eye(s) occur, wash with copious amounts of water holding eyelid(s) open. Seek medical attention if irritation develops and persists.

First Aid Facilities Normal washroom facilities are generally suitable. Ensure an eyewash station and safety shower are available and ready for use.

Advice to Doctor Treat symptomatically.

5. FIRE FIGHTING MEASURES

Extinguishing Media Use extinguishing measures appropriate to local circumstances and surrounding environment.

Specific Methods Self-contained breathing apparatus (S.C.B.A) and full protective clothing should be worn.

Specific Hazards Product will not support combustion. Polymer will burn in fire condition, once all the water has been driven off. Fire-exposed container may rupture/explode. May emit toxic fumes under fire conditions.

6. ACCIDENTAL RELEASE MEASURES

Increase ventilation. Contain and place absorbent material such as vermiculite, sand or dirt onto spillage. Collect and place into a suitable labelled container. If large quantities of this material enters the environment, contact the relevant regulatory authorities.

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7. HANDLING AND STORAGE

Handling It is essential that all who come into contact with this material, maintain high standards of personal hygiene i.e. washing hands prior to eating, drinking, smoking or going to the toilet. Build-up of vapour or mist in the working atmosphere must be prevented. Ensure ventilation is adequate. DO NOT enter confined spaces where vapour or mist may have collected. Keep containers closed when not in use.

Storage Store in a cool dry place, well ventilated area. Keep well closed when not in use. Prevent from freezing, best stored at room temperature. Avoid contact with incompatible materials that support combustion, such as strong oxidising agents.

8. EXPOSURE CONTROLS, PERSONAL PROTECTION

Exposure Limits	Name	STEL		TWA		Footnote
		mg/m3	ppm	mg/m3	ppm	
	Sodium hydroxide			2		
	Styrene	426	100	213	50	
Other Exposure Information	No value assigned for this specific material by the National Occupational Health and Safety Commission (NOHSC). However, Exposure standards for individual constituents are listed above.					
Respiratory Protection	Avoid breathing of vapour or mist. Where ventilation is inadequate and vapours or mists are generated the use of a respirator with filter complying with AS/NZS 1715 and AS/NZS 1716 is recommended. Filter capacity and respirator type depends on exposure levels.					
Eye Protection	Safety glass as appropriate.					
Hand Protection	Suitable impervious gloves (neoprene/ rubber) as required.					
Footwear	Safety boots as required.					
Body Protection	Suitable impervious clothing.					
Eng. Controls	Where vapours or mists are generated and exposure standards are exceeded, the use of respiratory protection, or a local exhaust ventilation system is recommended.					

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance White opaque liquid.

Melting Point Not available

Boiling Point Approximately 100°C

Solubility in Water Soluble

Specific Gravity (H2O=1) 1.0

pH Value Not available

Vapour Pressure As for water.

Vapour Density (Air=1) Heavier than air.

Evaporation Rate Slower than butyl acetate

Flash Point Not applicable

Flammability Classified as a non flammable substance.

Ignition Temperature Not available

Flammable Limits Not applicable

LEL

Flammable Limits Not applicable

UEL

10. STABILITY AND REACTIVITY

Stability Stable under normal conditions.

Hazardous Will not occur.

Polymerization

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Materials to Avoid Strong acids and oxidising agents.
Hazardous Decomposition Products Carbon monoxide, carbon dioxide, oxides of nitrogen, fumes and smoke.

11. TOXICOLOGICAL INFORMATION

Toxicology Information No toxicity data is available for this product.
According to International Agency for Research on Cancer (IARC) Styrene monomer in Group 2B: Possibly carcinogenic to humans.

Inhalation May cause irritation to the mucous membrane and upper airways, especially if the material is heated or mists are generated. Inhalation of high concentration may lead to headache, dizziness, nausea, vomiting.

Ingestion May cause irritation of the gastrointestinal system. Symptoms may include pain, nausea, vomiting and diarrhoea.

Skin May cause irritation in contact with the skin, which can result in redness and possible dermatitis.

Eye May cause eye irritation resulting in redness, swelling and stinging.

Chronic Effects Prolonged or repeated contact with this material may result in skin irritation leading to dermatitis.

12. ECOLOGICAL INFORMATION

Environ. Protection Prevent substance from entering the environment.

Mobility No data is available for this material.

Persistence / Degradability No data is available for this material.

Ecotoxicity No data is available for this material.

13. DISPOSAL CONSIDERATIONS

Dispose of waste according to federal, E.P.A, State and local regulations.
Assure conformity with all applicable regulations.

14. TRANSPORT INFORMATION

Not classified as Dangerous Good according to Australian Code for the Transport of Dangerous Goods by Road and Rail (6th Edition).

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

16. OTHER INFORMATION

Contact Person/Point DISCLAIMER: The company has taken care in compiling this information. No liability is accepted whether direct or indirect from its application since the conditions of final use are outside the Company's control. The end user is obliged to conform to relevant government regulations and/or patent laws applicable in their respective States of Countries.
...End Of MSDS...