

Material Safety Data Sheet

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Infosafe No. LPVRN Issue Date : October 2006 ISSUED by MARININD

Product Name : **RAPP-IT STEEL PUTTY**

1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

Product Name RAPP-IT STEEL PUTTY
Product Code RAPSTP001
Company Name MARINE & INDUSTRIAL MARKETING (ABN 32051 014 049)
Address P.O. BOX 446 HAMILTON
QUEENSLAND 4007
Telephone/Fax Number Tel:
(07) 3262 3755
Fax:
(07) 3262 3255
Recommended Use Used to fill, bond, plug or seal any leak or pipe.

2. HAZARDS IDENTIFICATION

Hazard Classification This material is classified as hazardous under OSHA regulations.
Human Health Effects Harmful if swallowed. Ingestion of this product will irritate the gastric tract causing nausea and vomiting.
Irritating to skin resulting in redness and itching. This product may cause sensitisation in some individuals.
Irritating to eyes. On eye contact this product will cause tearing, stinging, blurred vision, and redness.
Safety Hazards Not classified as flammable.
Environmental Hazards Not classified as dangerous to the environment.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Ingredients	Name	CAS	Proportion
	Ingredients determined not to be hazardous	-	60-100 %
	Glycidyl ethers of bisphenol A resins	25068-38-6	10-30 %
	Tri, (Dimethylaminomethyl), Phenol	90-72-2	0.5-1.5 %

4. FIRST AID MEASURES

Inhalation Remove source of contamination or victim to fresh air. Ensure airways are clear and have qualified person give oxygen through a facemask if breathing is difficult. If irritation develops and persists, seek medical attention.
Ingestion DO NOT induce vomiting. Immediately wash mouth out with water and then give water to drink. If symptoms develop or persist, 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 If contact with the eye(s) occurs, wash with copious amounts of water holding eyelid(s) open. Take care not to rinse contaminated water into the non-affected eye. If symptoms persist seek medical attention.
First Aid Facilities Eye wash and normal washroom facilities.
Advice to Doctor Treat symptomatically.

5. FIRE FIGHTING MEASURES

Suitable Extinguishing Media Foam, carbon dioxide, dry chemicals or water spray.
Hazards from Combustion Products Under fire conditions this product may emit toxic and/or irritating fumes including aldehydes, acids, carbon oxides, nitrogen and sulfur.
Specific Methods Wear Self-Contained Breathing Apparatus (S.C.B.A) and full protective clothing to minimise exposure.
Specific Hazards Non - flammable. However, may emit toxic fumes under fire conditions. Fire-exposed containers may rupture/explode.
Hazchem Code None Allocated

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6. ACCIDENTAL RELEASE MEASURES

Other Information Increase ventilation. Use full protective clothing and equipment to minimise exposure. Sweep up spill and avoid generating dust/vapours. Collect the material and place into a suitable labelled container for recycling or disposal. Wash surfaces well with water. If a large quantity of this material enters the environment, contact the relevant regulatory authorities.

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 i.e. washing hands prior to eating, drinking, smoking or going to the toilet.

Conditions for Safe Storage Store in a cool, dry, well-ventilated area, out of direct sunlight. Store away from foodstuffs and clothing. Keep containers closed when not in use and securely sealed and protected against physical damage. Inspect regularly for deficiencies such as damage or leaks.

Storage Temperatures 32°C

Other Information Attention: This container can be hazardous when empty.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Other Exposure Information No exposure standards have been established for this material by the Occupational Safety and Health Administration (OSHA).

Engineering Controls Provide sufficient ventilation to keep airborne levels below the exposure limit. Where dust, vapours or mists are generated and product is heated above 38°C and exposure standards are exceeded, the use of respiratory protection, or a local exhaust ventilation system is recommended.

Respiratory Protection Where sufficient ventilation is not available, avoid breathing dust/vapours by wearing an OSHA respirator standard approved, P1 or P2 particulate filter respirator. Final choice of appropriate breathing protection is dependant 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.

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.

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.

Body Protection Suitable impervious protective clothing.

Hygiene Measures Wash hands before eating, drinking, smoking and using the toilet.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance Grey/black putty.

Odour Sulphur/mercaptan odour.

Melting Point Not available

Boiling Point Not available

Solubility in Water Insoluble.

Specific Gravity 1.9

pH Value Not applicable

Vapour Pressure Not applicable

Vapour Density (Air=1) Non volatile.

Evaporation Rate Non volatile.

Volatile Component 0%

Flash Point Not applicable.

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Flammability Non-flammable. May emit toxic fumes under fire conditions.

Flammable Limits - Lower Not available

Flammable Limits - Upper Not available

10. STABILITY AND REACTIVITY

Chemical Stability Stable under normal conditions of storage and handling.

Conditions to Avoid None known.

Incompatible Materials None known.

Hazardous Decomposition Products Carbon monoxide, aldehydes, acids, oxides of sulphur and nitrogen.

11. TOXICOLOGICAL INFORMATION

Toxicology Information Acute toxicity: (Glycidyl ethers of bisphenol A resins)

LD50 ORAL (rat): 5000 mg/kg

LD50 DERMAL (rabbit): 2000 mg/kg

LD50 ORAL (rat): 1630 mg/kg

12. ECOLOGICAL INFORMATION

Environ. Protection Avoid contaminating waterways.

13. DISPOSAL CONSIDERATIONS

Waste Disposal Dispose of waste according to federal, state and local regulations. Assure conformity with all applicable regulations.

14. TRANSPORT INFORMATION

U.N. Number None Allocated

Proper Shipping Name None Allocated

DG Class None Allocated

Hazchem Code None Allocated

Packing Group None Allocated

DOT Not a DOT controlled material (United States).

15. REGULATORY INFORMATION

16. OTHER INFORMATION

Date of preparation or last revision of MSDS MSDS Created: September 2006

Contact Person/Point David Huybers
Tel: (07) 3262 3755

Literature References ANSI Z400.1 - 2004. American National Standard for Hazardous Industrial Chemicals - Material Safety Data Sheets - Preparation. American National Standards Institute, 2004.

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