

# Material Safety Data Sheet

Page: 1 of 4

Infosafe No. A00AV Issue Date : November 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** Not available.

## 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)** R36/38 Irritating to eyes and skin.  
R43 May cause sensitization by skin contact.  
R51/53 Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

**Safety Phrase(s)** S28 After contact with skin, wash immediately with plenty of soap and water  
S37/39 Wear suitable gloves and eye/face protection.  
S61 Avoid release to the environment. Refer to special instructions/safety data sheet.

## 3. COMPOSITION/INFORMATION ON INGREDIENTS

<b>Ingredients</b>	<b>Name</b>	<b>CAS</b>	<b>Proportion</b>
	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	0-2 %

## 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. Wash mouth out with water. 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 oxides of carbon, nitrogen and sulphur.

**Special Protective Equipment for fire fighters** Wear Self-Contained Breathing Apparatus (S.C.B.A) and full protective clothing to minimise exposure.

**Specific Methods** Use water spray to cool fire exposed containers.

# Material Safety Data Sheet

Page: 2 of 4

Infosafe No.	A00AV	Issue Date : November 2006	ISSUED by MARININD
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**Specific Hazards** Non-flammable. However, may emit toxic fumes under fire conditions.  
Fire-exposed containers may rupture/explode.

**Hazchem Code** None Allocated

## 6. ACCIDENTAL RELEASE MEASURES

**Emergency Procedures** Increase ventilation. Use full protective clothing to minimise inhalation, skin and eye exposure. Sweep/collect up spill avoiding dust/vapours generation. Collect the material and place into a suitable labelled container for recycling or disposal. Wash surfaces well with water. Do not allow product to enter drains or waterways. If the spillage enters the waterways contact the Environmental Protection Authority, or your local Waste Management Authority.

## 7. HANDLING AND STORAGE

**Precautions for Safe Handling** Use smallest possible amounts in designated areas with adequate ventilation. Have emergency equipment (for fires, spills, leaks, etc.) readily available. Label containers. Keep containers closed when not in use. Wear appropriate protective equipment to prevent inhalation, skin and eye contact. Ensure a high level of personal hygiene is maintained when using this product. That is; always wash hands before eating, drinking, smoking or using the toilet.

**Conditions for Safe Storage** Store in a cool, dry, well-ventilated area, out of direct sunlight and moisture. Store in labelled, corrosion-resistant containers. Keep containers tightly closed. Have appropriate fire extinguishers available in and near the storage area.

**Storage Temperatures** < 32°C

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

**National Exposure Standards** No exposure standards have been established for this material by the National Occupational Health And Safety Commission (NOHSC).

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

**Engineering Controls** Use with good general ventilation. If dusts or vapours are produced local exhaust ventilation should be used.

**Respiratory Protection** Where sufficient ventilation is not available, and grinding or sanding is being undertaken, avoid breathing dust by wearing an AS 1716 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. 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** Grey/black putty.

**Odour** Sulphur/mercaptan odour.

**Melting Point** Not available

**Boiling Point** Not available

**Solubility in Water** Insoluble

# Material Safety Data Sheet

Page: 3 of 4

Infosafe No.	A00AV	Issue Date : November 2006	ISSUED by MARININD
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<b>Specific Gravity</b>	1.9
<b>pH Value</b>	Not applicable
<b>Vapour Pressure</b>	Not applicable
<b>Vapour Density (Air=1)</b>	Non volatile
<b>Evaporation Rate</b>	Non volatile
<b>Flash Point</b>	Not available
<b>Flammability</b>	Non-flammable. May emit toxic fumes under fire conditions.
<b>Flammable Limits - Lower</b>	Not available
<b>Flammable Limits - Upper</b>	Not available
<b>Other Information</b>	% volatile by weight: 0% VOC: < 1% Heavy elements: 0 ppm

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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>	Extremes of temperature and direct sunlight.
<b>Incompatible Materials</b>	None known.
<b>Hazardous Decomposition Products</b>	Carbon monoxide, aldehydes, acids, oxides of sulphur and nitrogen.
<b>Hazardous Polymerization</b>	Will not occur.

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## 11. TOXICOLOGICAL INFORMATION

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<b>Toxicology Information</b>	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
<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>	Irritating to skin resulting in redness and itching. May cause sensitisation by skin contact.
<b>Eye</b>	Irritating to eyes. On eye contact this product will cause tearing, stinging, blurred vision, and redness.
<b>Chronic Effects</b>	Not available.

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## 12. ECOLOGICAL INFORMATION

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<b>Ecotoxicity</b>	Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
<b>Persistence / Degradability</b>	Not available.
<b>Mobility</b>	Not available.
<b>Environ. Protection</b>	Do not allow product to enter drains, waterways or sewers.

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## 13. DISPOSAL CONSIDERATIONS

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<b>Disposal Considerations</b>	Do not allow into drains or watercourses or dispose of where ground or surface waters may be affected. Wastes including emptied containers are controlled wastes and should be disposed of in accordance with all federal, E.P.A., state and local regulations. Assure conformity with all applicable regulations.
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## 14. TRANSPORT INFORMATION

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# Material Safety Data Sheet

Page: 4 of 4

Infosafe No.	A00AV	Issue Date : November 2006	ISSUED by MARININD
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<b>Transport Information</b>	Not classified as a Dangerous Good, according to the Australian Code for the Transport of Dangerous Goods by Road and Rail.
<b>U.N. Number</b>	None Allocated
<b>Proper Shipping Name</b>	None Allocated
<b>DG Class</b>	None Allocated
<b>Hazchem Code</b>	None Allocated
<b>Packing Group</b>	None Allocated

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## 15. REGULATORY INFORMATION

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<b>Poisons Schedule</b>	Not Scheduled
<b>Hazard Category</b>	Irritant,Dangerous for the environment

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## 16. OTHER INFORMATION

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<b>Date of preparation or last revision of MSDS</b>	MSDS Reviewed: November 2006 MSDS Created: October 2002
<b>Contact Person/Point</b>	David Huybers Tel: (07) 3262 3755 ...End Of MSDS...