

# Material Safety Data Sheet

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Infosafe No. A00CG Issue Date : May 2006 ISSUED by MARININD

Product Name : **RAPP-IT PIPE REPAIR BANDAGE**

## 1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

**Product Name** RAPP-IT PIPE REPAIR BANDAGE  
**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 for emergency pipe repair to fluid control pipes.

## 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)** R36/37/38 Irritating to eyes, respiratory system and skin.  
R42/43 May cause sensitisation by inhalation and skin contact

**Safety Phrase(s)** S24 Avoid contact with skin.  
S26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.  
S37 Wear suitable gloves.  
S45 In case of accident or if you feel unwell seek medical advice immediately

## 3. COMPOSITION/INFORMATION ON INGREDIENTS

Ingredients	Name	CAS	Proportion
	Fibre glass		50-52 %
	Propylene polyol diphenyl methane diisocyanate prepolymer	9048-57-1	34.1 %
	Diphenylmethane-di-isocyanate (MDI)	101-68-8	7.3 %
	2,2-Dimorpholinodiethyl ether	6425-39-4	0.32-0.34 %
<b>Other Information</b>	When activated by water, the resin crosslinks to give a rigid material releasing carbon dioxide in small amounts. A small exothermic (heat releasing) reaction is evident when the recommended water temperatures are used.		

## 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 immediate medical attention.

**Ingestion** DO NOT induce vomiting. Immediately wash mouth out with water and then give water to drink. If symptom develops or persists, seek immediate 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** Wash with large amount of water for 15 minutes holding eyelid(s) open. Take care not to rinse contaminated water into non-affected eye. If irritation persists or develops, seek immediate medical attention.

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

**Advice to Doctor** Treat symptomatically.

## 5. FIRE FIGHTING MEASURES

**Suitable Extinguishing Media** Carbon dioxide, dry chemical or foam. Only use water fog to keep undamaged containers cool.

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

**Hazchem Code** None Allocated

**Decomposition Temp.** Not available.

## 6. ACCIDENTAL RELEASE MEASURES

**Emergency Procedures** Increase ventilation. Evacuate all unnecessary personnel. Wear protective clothing to minimise skin and eye exposure. If possible contain the spill. Place inert absorbent material onto spillage. Mop up material and place into the same container. 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** 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. 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.

**Conditions for Safe Storage** Store in a cool, dry, well-ventilated area, out of direct sunlight. Avoid extreme heat. Avoid contact with incompatible materials. Keep well closed when not in use.

## 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). However, over-exposure to any chemical may result in enhancement of pre-existing adverse medical conditions and/or allergic reactions. NOHSC Standard of the constituent is listed below:

SUBSTANCE	TWA		STEL		NOTICES
	ppm	mg/m <sup>3</sup>	ppm	mg/m <sup>3</sup>	
Isocyanates, all (as -NCO)	-	0.02	-	0.07	Sen

As published by the New Zealand Occupational Safety and Health Service (OSH):  
TWA - the Time-Weighted Average airborne concentration over an eight-hour working day, for a five-day working week over an entire working life.  
STEL (Short Term Exposure Limit) - the average airborne concentration over a 15 minute period which should not be exceeded at any time during a normal eight-hour workday.

According to current knowledge these concentrations should neither impair the health of, nor cause undue discomfort to, nearly all workers.

'Sen' notice - sensitiser. The substance can cause a specific immune response in some people. An affected individual may subsequently react to exposure to minute levels of that substance.

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.

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

**Engineering Controls** Use only in a well ventilated area. Where vapours or dust are generated and exposure standards are exceeded, the use of respiratory protection, or a local exhaust ventilation system is recommended.

**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, organic vapour respirator or supplied air 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



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a specific immune response in some people. Such substances are called sensitisers and the development of a specific immune response is termed 'sensitisation'.  
Exposure to a sensitiser, once sensitisation has occurred, may manifest itself as a skin rash or inflammation or as an asthmatic condition, and in some individuals this reaction can be extremely severe.

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

**Chronic Effects** Prolonged or repeated exposure may lead to sensitisation of the respiratory system and skin.

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## 12. ECOLOGICAL INFORMATION

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**Ecotoxicity** No data available for this specific product.

**Persistence / Degradability** No data available for this specific product.

**Mobility** No data available for this specific product.

**Environ. Protection** Prevent product from entering the environment.

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## 13. DISPOSAL CONSIDERATIONS

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**Waste Disposal** Dispose of according to relevant local, state and federal government 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, Irritant

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## 16. OTHER INFORMATION

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**Date of preparation or last revision of MSDS** MSDS revised: May 2006  
MSDS supersedes: July 2002

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