

MATERIAL SAFETY DATA SHEET

Issue date: MAY 2011

1. IDENTIFICATION OF THE PRODUCT AND THE COMPANY

Product Name: Rapid Cure Part B

Recommended Use: Construction of fibre reinforced equipment and fittings. Suitable for construction of recreational water craft. Corrosion resistant flooring and coatings.

Supplier: Glue Guru Industrial
Address: PO Box 33-1118
Takapuna
Auckland 0740
New Zealand

Telephone (09) 444 4878 Customer Services

Fax (09) 442 5795

Emergency Telephone + 64 274 736008 (24 hours)
National Poison Centre (24 hours): 0800 POISON [764 766]

2. HAZARDS IDENTIFICATION

HSNO Classification

6.1D	Harmful if swallowed
6.5A	May cause allergy or asthma symptoms or breathing difficulties if inhaled.
6.5B	May cause allergic skin reaction.
8.2C	Causes severe skin burns and eye damage.
8.3A	Causes serious eye damage

3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS no:	Weight %
Mercaptan	Trade secret	>80
Tris-2, 4, 6- (dimethylaminomethyl phenol)	90-72-2	<10
Bis (dimethylaminomethyl phenol)	71074-89-0	<5
Other ingredients determined not to be hazardous	-	To 100

4. FIRST AID MEASURES

If poisoning occurs, contact the National Poison Centre
(New Zealand 0800 POISON or 0800 764 766).

First Aid

- Inhalation** Remove victim to fresh air and provide oxygen if breathing is difficult. Give artificial respiration if not breathing. Get medical attention:
- Skin Contact** Remove contaminated clothing/shoes and wipe excess from skin. Flush skin with water for at least 15 minutes. Follow by washing with soap and water. If irritation occurs, get medical attention. Do not reuse clothing until cleaned. Contaminated leather articles including shoes, cannot be decontaminated and should be destroyed to prevent use.
- Eye Contact** Flush eyes with plenty of water for 15 minutes while holding eyelids open, until medical attention is received.
- Ingestion** Do not induce vomiting. Rinse mouth with water. Give plenty of water to drink.
- Advice to Physician** Treat symptomatically.

5. FIRE-FIGHTING MEASURES

- Extinguishing media** Use water fog, foam, dry chemical or carbon dioxide.
- Fire and Explosion Hazards** DANGER: Corrosive
Clear fire area of all non-emergency personnel. Cool fire exposed containers with water. Irritating fumes are released in fire situations. Do not allow material or run-off to enter waterways. Stay upwind, keep out of low areas.
- Fire Fighting Equipment** Do not enter confined fire space without full bunker gear (helmet with face shield, bunker coats, gloves and rubber boots). Use approved positive pressure self-container breathing apparatus.
- HAZCHEM** 3X

6. ACCIDENTAL MEASURES

**Personal
Precautions**

Use cautious judgment when cleaning up spills. Shut off leaks, if possible without personal risk.

**Environment
Precautions**

Dike and contain. Container run-off and dispose of properly. Remove contaminated soil to remove contaminated trace residues. Prevent from entering into drains ditches and rivers.

**Clean Up Methods
(Small)**

Soak up with absorbent material such as clay, sawdust or Zorball. Place in non-leaking container. Seal tightly for proper disposal.

**Clean Up Methods
(Large)**

Remove with vacuum trucks or pump to storage/salvage vessels. Soak up residue with an absorbent material such as clay, sand, sawdust or Zorball. Place in non-leaking container. Seal tightly for proper disposal. Flush area with water to remove trace residue.

7. HANDLING AND STORAGE

Handling

Keep out of reach of children. Put on appropriate PPE (see section 8). Causes skin irritation and sensitivity. Avoid contact with skin, eyes and clothing. Wash with soap and water before eating, drinking, smoking, applying cosmetics, or using toilet facilities. Do not breathe vapour or mist. Clean up spilled material immediately, and wash clothes, equipment and work area after use.

Storage

Store in a cool, dry place with adequate ventilation. Keep containers closed when not in use.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

**Workplace Exposure
Guidelines**

None established.

WEL =
TWA =
STEL =

Workplace exposure limit
Time weighted average
Short term exposure limit

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Engineering Controls: Use only with adequate ventilation. Use process enclosures, local exhaust ventilation or other engineering controls to keep worker exposure to airborne contaminants as low as possible and/or below any recommended or statutory limits. Eye wash fountains and safety showers should be available for emergency use.

Personal Protection Equipment

Respiratory – Use a properly fitted, air purifying or air-fed respirator complying with an approved standard if a risk assessment indicates this is necessary.

Skin – Personal protective equipment for the body should be worn at all times. Wear chemical-resistant protective clothing such as gloves, apron, overshoes and face shield to prevent potential exposure.

Eye – Safety eyewear complying with an approved standard should be used when a risk assessment indicates this is necessary to avoid exposure to liquid splashes, mists, gases or dusts.

Hand – Recommended: polyvinyl alcohol (PVA, Butyl rubber, EVAL, Neoprene).

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Liquid
Colour	Amber colour
Odour	Sulphur-like odour
pH	= 10
Vapour pressure	Not determined
Vapour density	Not determined
Boiling Point	Not determined
Melting/Freezing Point	Not determined
Solubility (water)	Slight
Specific Gravity/Density	1.13 g/cm ³ [25°C (77°F)]
Flash Point	Not determined
Flammable Limits	LFL: Not available UFL: Not available
Auto-ignition	>300°C

High = >60% Med = 10% - 60% Low = 1% - 10% Very Low = < 1%

10. STABILITY AND REACTIVITY

- Chemical Stability** Stable under recommended storage conditions.
- Conditions to Avoid** Avoid temperatures above 300°C. Potentially violent decomposition can occur, causing gas generation and pressure increases in closed systems.
- Materials to Avoid** Reactive or incompatible with the following materials: oxidizing materials: Slightly reactive or incompatible with the following materials: acids and alkalis.
- Hazardous Decomposition Products** Decomposition products may include the following materials: carbon oxides, phenolics and water.

11. TOXICOLOGICAL INFORMATION

Potential Health Effects

Inhalation	Vapours are unlikely due to physical properties.
Ingestion	Very low toxicity if swallowed. Harmful effects not anticipated from swallowing small amounts.
Skin	Prolonged or repeated contact may cause skin irritation.
Eye	May cause eye irritation. Corneal injury is unlikely.

Acute Health Effects

Test	Species	Result	Exposure
LD50 Oral	Rat	2,600mg/kg	-
LD50 Dermal	Rabbit	10,200mg/L	-

- Systemic Effects** Irritating to respiratory system. Corrosive to skin. Corrosive to eyes. May be harmful if swallowed.
- Carcinogenicity** Has not been classified by IARC.
- Mutagenicity** Has not been classified by IARC.

12. ECOLOGICAL INFORMATION

Ecotoxicity	Based on information for Marcaptan.
Degradability	No data is available on the product itself.
Bioaccumulation	No data is available on the product itself.

13. DISPOSAL CONSIDERATIONS

Disposal	<p>DO NOT DUMP INTO ANY SEWERS, ON THE GROUND, OR INTO ANY BODY OF WATER. All disposal methods must be in compliance with all Federal, State/Provincial and local laws and regulations.</p> <p>FOR UNUSED AND UNCONTAMINATED PRODUCT, the preferred options include send to a licensed, permitted: recycler, reclaimer, incinerator or other destruction device.</p>
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14. TRANSPORT INFORMATION

Road, Rail, Sea and Air Transport

UN Number	2735
Proper Shipping Name	Polyamines, liquid, corrosive, n.o.s. (mixture contains Polyetherpolyamines)
DG Class	8
Packing Group	III
HAZCHEM Code	3X
IMO/IMDG Class	8
ICAO/IATA Class	8
EMS Code	F – A, S – B
Marine Pollutant	Yes

15. REGULATORY INFORMATION

ERMA NZ
Approval Code HSR002658

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16. OTHER INFORMATION

**New Zealand National Poison Information Centre (24 hours): 0800 POISON [764 766]
New Zealand Emergency Services: 111**

For General Information: Glue Guru
 Customer Services
 Phone: 09 444 4878 Fax: 09 442 5975

The information provided in this safety data sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material combination with any other material or in any process, unless specified in text.

End of Safety Data Sheet.