adhesivetech

1.0 IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND THE SUPPLIER

Product Name:	RAPID-CURE™ Epoxy Hardener – Part B
Product Code:	RCB
Recommended use:	5 Minute Epoxy Hardener used for curing epoxy resin systems. Used for construction of fibre reinforced equipment and fittings. Suitable for construction of recreational water craft. Corrosion resistant flooring and coatings.
Supplier:	Adhesive Technologies NZ Limited
Street Address:	17 Corban Avenue, Henderson, Auckland
Telephone Number:	0064 9 838 6961 (8.00am to 5.00pm, Monday to Friday)
Facsimile:	0064 9 836 4849
Web Address	http://www.adhesivetechnologies.co.nz/
Emergency Telephone:	0064 3 479 7248 (From overseas)
National Poison Information Centre	0800 POISON (764 766) (within New Zealand)
New Zealand Fire Service	111
Date of issue	12/03/2025
Version	1.0

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2.0 HAZARDS IDENTIFICATION

Hazard Classification

Acute Toxicity (Oral):	Category 5
Acute Toxicity (Dermal):	Category 5
Serious Eye Damage / Eye Irritation:	Category 2A

For the full text of the H-Statements mentioned in this Section, see Section 16.

Signal Word: WARNING

Precautionary Statements

Hazards Statement

H303	May be harmful if swallowed.
H313	May be harmful in contact with skin.
H319	Causes serious eye irritation.

Prevention

P264	Wash hands thoroughly after handling
P280	Wear protective gloves, protective clothing, eye protection and face protection

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Response

P305+P351+ P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P337 + P313	If eye irritation persists: Get medical advice/attention.

Storage

P405	Store locked up

Disposal

P501	Dispose of contents/ container to an approved waste disposal plant. Restricted to professional users.

Other hazards

3.0 COMPOSITION / INFORMATION ON INGREDIENTS

Substance / Mixture: Mixture

Hazardous Ingredients:

Chemical Name	CAS No.	Concentration (%)
Mercaptan-terminated polymer	Trade Secret	>90
Tris-2,4,6-(dimethylaminomethyl)phenol	90-72-2	<10
Other non-hazardous components		to 100

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4.0 FIRST AID MEASURES

If poisoning occurs, contact a doctor or Poisons Information Centre Phone 0800 764 766.

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. 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 reuse.
Eye contact	Flush eyes with plenty of water for 15 minutes while holding eyelids open. Get medical attention.
Ingestion	Do not induce vomiting. Rinse mouth with water. Give plenty of water to drink.
Treatment	Treat symptomatically

5.0 FIRE FIGHTING MEASURES

Extinguishing Media	Use water fog, foam, dry chemical or carbon dioxide.
Extinguishing Media to Avoid	Do not use direct water stream. May spread fire
Hazardous Combustion Products	In case of fire, the following hazardous smoke fumes may be produced: Carbon Oxides, Nitrous gases, ammonia.

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Fire Fighting Procedures	Clear fire area of all non-emergency personnel. Isolate fire and deny unnecessary entry. Cool fire exposed containers with water. Irritating fumes are released in fire situations. Move container from fire area if this is possible without hazard. Burning liquids may be moved by flushing with water to protect personnel and minimize property damage. Do not allow material or run-off to enter waterways. Stay upwind, keep out of low areas.
Fire-fighting equipment	Wear positive-pressure self-contained breathing apparatus (SCBA) and protective firefighting clothing (includes firefighting helmet, coat, trousers, boots, and gloves). Avoid contact with this material during firefighting operations. If contact is likely, change to full chemical resistant firefighting clothing with self-contained breathing apparatus. If this is not available, wear full chemical resistant clothing with self-contained breathing apparatus and fight fire from a remote location
HAZCHEM	

6.0 ACCIDENTAL RELEASE MEASURES

General Precautions:	Isolate area. Keep unnecessary and unprotected personnel from entering the area. Use appropriate safety equipment. For additional information, refer to Section 8, Exposure Controls and Personal Protection. Refer to Section 7, Handling, for additional precautionary measures.
Personal Precautions:	Use cautious judgement when cleaning up spills. Shut off leaks, if possible, without personal risk.

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Environ-mental Precautions:	Dike and contain. Contain run-off and dispose of properly. Remove contaminated soil to remove contaminated trace residues. Prevent from entering drains, ditches, or rivers.
Clean-up Methods (small):	Soak up with an absorbent material such as clay, sand, sawdust or Zorball. Place in non-leaking container. Seal tightly for proper disposal.
For Large Spills:	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 is with water to remove trace residue.

7.0 HANDLING & STORAGE

Workplace Exposure Standards:	Not established
Engineering control measures:	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. Use explosion-proof ventilation equipment.
Personal protective 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 selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product. **Eye** - Safety eyewear complying with an approved standard should be used when a risk assessment indicates this is

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necessary to avoid exposure to liquid splashes, mists, gases, or dusts.

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

8.0 EXPOSURE CONTROLS / PERSONAL PROTECTION

Ingredients with workplace control measures

Workplace Exposure Standards	None established
Engineering controls	Handle product in a well ventilated area. If product is handled in an open system, the use of process enclosures, local exhaust ventilation, and/or other engineering controls should be considered to control airborne levels to below recommended exposure limits, or below acceptable levels where there are no limits.
Personal Protection	**Respiratory** - Use a NIOSH approved full-face respirator with organic vapour acid gas cartridge when handling this material. A respiratory protection program that meets 29 CFR 1910.134 and ANSI Z88.2 requirements must be followed whenever workplace conditions warrant use of a respirator. **Skin** - Wear chemical resistant gloves such as rubber, neoprene or vinyl, and work clothing with full length sleeves. **Eye** - Wear chemical safety goggles. **Other** - Emergency shower and eyewash facility should be in close proximity.

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9.0 PHYSICAL & CHEMICAL PROPERTIES

Appearance:	Liquid
Colour:	Amber
Odour:	Distinct (sulphureous)
pH:	Not available
Vapour pressure:	Not available
Vapour density:	Not available
Boiling Point:	Not available
Melting/Freezing Point:	Not available
Solubility (water):	Slight (0.1 – 1%)
Specific Gravity/Density:	1.14 – 1.16 g/cm^3 [25°C (77°F)]
Flash Point:	258°C (closed cup)
Flammable Limits:	LFL: Not available
	UFL: Not available
Auto-ignition:	Not available

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10.0 STABILITY & REACTIVITY

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.
Incompatible materials:	Heat is generated when mixed with water. Spattering and boiling can occur. Avoid contact with oxi:dizing materials. Avoid contact with: Acids. Acrylates. Alcohols. Aldehydes. Halogenated hydrocarbons. Ketones. Nitrites. Avoid contact with metals such as: Brass. Bronze. Copper. Copper alloys. Avoid contact with absorbent materials such as: Ground corn cobs. Moist organic absorbents. Peat moss. Sawdust.
Hazardous Decomposition Products:	Decomposition products depend upon temperature, air supply and the presence of other materials. Decomposition products can include and are not limited to: Ammonia. Ethylenediamine. Volatile amines.

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11.0 TOXICOLOGICAL INFORMATION

Potential Health effects

Vapours are unlikely due to physical properties.
May be harmful if swallowed
May be harmful in contact with skin
Causes serious eye irritation

Acute Health Effects

Test	Species	Result
LD50 Oral	Rat	2.6 g/Kg
Eye Irritation	Rabbit	16.8/110
Skin Irritation	Rabbit	1.2/8
Skin Sensitization	guinea pig	Negative
Dermal LD50	Rabbit	>10.2 g/kg
Systemic Effects	No information available	
Carcinogenicity	No information available	
Mutagenicity	No information available	

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12.0 ECOLOGICAL INFORMATION

Ecotoxicity There is no information available on the environmental effects of this material.

13.0 DISPOSAL CONSIDERATIONS

DO NOT DUMP INTO ANY SEWERS, ON THE GROUND, OR INTO ANY BODY OF WATER. All disposal methods must follow all Federal, State/Provincial, and local laws and regulations.

FOR UNUSED AND UNCONTAMINATED PRODUCT, the preferred options include sending to a licensed, permitted: recycler, reclaimer, incinerator, or other destruction device.

General information The generation of waste should be minimised or avoided wherever possible. This material and its container must be disposed of in a safe way. Disposal of this product, process solutions, residues and by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any local authority requirements. Care should be taken when handling emptied containers that have not been thoroughly cleaned or rinsed out. Empty containers or liners may retain some product residues and hence be potentially hazardous.

Disposal methods Waste, residues, empty containers, discarded work clothes and contaminated cleaning materials should be collected in designated containers, labelled with their contents. Incineration or landfill should only be considered when recycling is not feasible. Do not discharge into drains or watercourses or onto the ground.

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14.0 TRANSPORTATION & REGULATORY INFORMATION

Road, Rail, Sea, and Air Transport

UN Number	3334
Proper Shipping name	Aviation Regulated Liquid, N.O.S. (Mercaptan-terminated polymer)
DG Class	9
Packing Group	III
IMO/IMDG class	9
ICAO/IATA class	9
HAZCHEM code	2Z
EmS	F-A,S-B
Marine pollutant	No

15.0 REGULATORY INFORMATION

EPA Approval:	The HSNO Approval Number for this Group Standard is HSR002644.
Group Standard:	Surface Coatings and Colourants (Corrosive) Group Standard 2020

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16.0 OTHER INFORMATION

References

https://echa.europa.eu/information-on-chemicals/cl-inventory-databas

https://www.epa.govt.nz/database-search/chemical-classification-and-information-database-ccid/

https://www.epa.govt.nz/

RCNZ Approved HSNO CoP Preparation of Safety Data Sheets

https://www.epa.govt.nz/assets/Uploads/Documents/Hazardous-Substances/GHS2/Guide_to_Classifying_Hazardous_Substances_in_NZ.pdf

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This version replaces all previous versions.

FOR FURTHER PRODUCT INFORMATION CALL ADHESIVE TECHNOLOGIES NZ LTD DURING BUSINESS HOURS

Product Information Manager (+64) 9 838 6961

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