

PART B _ HARDENER**Section 1: Identification of Material and Supplier**

GHS Product Identifier

Just Resin Art Resin (Part B - Hardener)

Other means of identification

UN Number: 2735

Recommended use of the chemical and restriction on use

Curing agent for epoxy resin

Suppliers details

Code and Protect

366 Pine Mountain Drive, MULARA, QLD, 4703

admin@codeandprotect.com.au

Ph: 0456643433

Emergency phone number

Ph: 13 11 26 (Poisons Information centre Australia) or 000 (Police/Fire/Ambulance)

Section 2: Hazard(s) Identification**Classification of the substance or mixture**

Hazardous according to the criteria of Safe Work Australia.

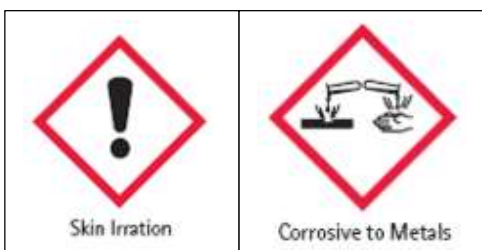
Acute toxicity – category 4 (oral/dermal/inhalation)

Skin corrosion – category 1B

Skin sensitisation – category 1

Hazard Word

WARNING

GHS Label Elements

PART B _ HARDENER**Hazard Statements**

H302 (Harmful if swallowed) H313 (May be harmful in contact with skin)

H312 (Harmful in contact with skin)

H314 (Causes severe skin burns and eye damage)

H317 (May cause an allergic skin reaction)

Precautionary Statements

P101: If medical advice is needed, have product container or label at hand.

P102: Keep out of reach of children.

P103: Read label before use.

P260: Do not breathe dust/fumes/gas/mist/vapours/spray.

P264: Wash hands thoroughly after handling.

P270: Do not eat, drink or smoke when using this product.

P271: Use only outdoors or in a well-ventilated area.

P272: Contaminated work clothing should not be allowed out of the workplace.

P280: Wear protective gloves/protective clothing/eye protection/face protection.

P405: Store locked up.

P501: Dispose of contents/container to accordance with the applicable regional, national and local laws and regulations.

Response:

P301+330+331: IF SWALLOWED: Rinse mouth: Do NOT induce vomiting.

P302+361+P353: IF ON SKIN (or hair): Rinse skin with water/shower.

P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes: Remove contact lenses if present and easy to do. Continue rinsing.

P333: If skin irritation or a rash occurs: P313: Get medical advice/attention.

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P363: Wash contaminated clothing before reuse.

Other Hazards

None Known

Section 3: Composition/information on ingredients

Chemical Name	Cas No	Weight %
Cyclohexanemethanamine, 5-Amino-1,3,3-Trimethyl-	2855-13-2	<60
Benzyl Alcohol	100-51-6	<30
Trade Secret	Non-Hazardous Material	<10

The exact chemical identity and/or exact percentage (concentration) of each ingredient may be held as a trade secret. Ingredient ranges provided may represent actual concentration ranges. Any ingredient not disclosed may have been determined not to pose a health or environmental hazard or may only be present in concentrations that do not require disclosure. Refer to Section 3 on Preparation Of Safety Data Sheet For Hazardous Chemicals (Code of Practice).

Section 4: First Aid Measures

General Advice	Seek medical advice. If breathing has stopped or is laboured give assisted respirations. Supplemental oxygen maybe indicated. If the heart has stopped begin cardiopulmonary resuscitation immediately.
Inhalation	Remove the source of contamination or move the victim to fresh air. Ensure airways are clear and have qualified person give oxygen through a face mask if breathing is difficult. If symptoms develop and persist seek medical attention.
Ingestion	DO NOT INDUCE VOMITING. Immediately wash out mouth with water. If symptoms 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 unto the non-affected eye. If symptoms persist seek medical attention.
First Aid Facilities	Eye wash and normal washroom facilities.

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Advice to Doctor	Treat symptomatically
Other Information	For advice, contact a Poisons Information Centre (Australia 131 126).

Section 5: Fire Fighting Measures**Suitable extinguisher media**

Carbon dioxide (CO₂). Dry chemical. Alcohol resistant foam. Water spray. DO NOT USE WATER JET STREAM.

Specific hazards arising from the chemical

Under fire conditions this product may emit toxic and/or irritating fumes including carbon monoxide and carbon dioxide.

Precautions in connection with fire

Full protective clothing and self-contained breathing apparatus. Operated in a positive pressure mode. Water spray may be used to keep fire exposed containers cool.

Section 6: Accidental Release Measures**Emergency Procedures**

Wear appropriate personal protective equipment and clothing to minimise exposure. Extinguish or remove all ignition sources and stop leak if safe to do. Increase ventilation. Evacuate all unnecessary personnel. If possible contain the spill. Place inert absorbent material onto spillage. Use clean non-sparkling tools to collect the material onto spillage and place in a suitable labelled container. Do not dilute material but contain. Dispose of waste according to federal, Environmental Protection Authority and state regulations. If the spillage enters the waterways contact the Environmental Protection Authority, or your local Waste Management Authority.

Section 7: Handling and Storage**Storage**

Precautions for safe handling	Do not get into eyes, on skin or clothing. Use only with adequate ventilation. Avoid contact with skin, eyes and clothing. Wash thoroughly after handling. Corrosive to the
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	eyes, corrosive to the skin. Maybe harmful if swallowed. May cause skin sensitisation.
Conditions for Safe Storage	Store in a cool, dry, well-ventilated area out of direct sunlight. Keep containers closed and locked up when not in use.

Section 8: Exposure Controls / Personal Protection

National Exposure Standards	No exposure standards have been established for this material by the Australian National Occupational Health and Safety Commission (NOHSC) or the Occupational Safety and Health Service (OHS) of the New Zealand Department of Labour. However, exposure standards for ingredients are stated below.
Biological Limit Values	No biological limit allocated.
Engineering Controls	Provide sufficient ventilation to keep airborne levels below the exposure limit.
Respiratory Protection	Where ventilation is inadequate the use of an Air Purifying Respirator with a replacement organic vapour filter complying with AS/NZS 1716 is recommended.
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 materials such as impervious PVC or rubber gloves. 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	Suitable work wear should be worn to protect personal clothing. Industrial clothing should conform to the specifications detailed in AS/NZS 2919: Industrial Clothing.

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Section 9: Physical and Chemical Properties

Form	Liquid
Colour	Colourless
Odour	Low amine odour
pH	Not Available
Melting Point	Not Determined
Boiling Point	>180°C
Flash Point	>112°C ASTM D93 (A+B) 170°C > ASTM D93
Vapour Density	Not Available
Vapour Pressure	10.34 mmHg @ 21°C
Density	1.00 – 1.04
Auto Ignition Temperature	Not Available
Flammable Limits – Lower	Not Available
Flammable Limits - Upper	Not Available

Section 10: Stability and Reactivity

Chemical Stability	Stable under normal conditions.
Conditions to avoid	Extremes of temperature.
Incompatible Materials	Strong oxidising agents.
Hazardous Decompositions	Oxides of Nitrogen, Carbon Monoxide.
Hazardous Polymerisation	Reacts violently with strong oxidising agents.

Section 11: Toxicology Information

Test:	LD50: >1030 mg/kg Species: Rat
Skin Contact	Can Causes burns, may cause sensitisation by skin contact.
Eye Contact	Risk of serious damage to eyes. Causes burns.
Ingestion	Maybe harmful if swallowed.
Inhalation	May cause sensitisation by inhalation. The chemical has low acute toxicity, based on the available data.

Section 12: Ecological Information

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Ecotoxicity	Toxicity to daphnia – Components Oral LD50 Rat: 1030mg/Kg Primary skin irritation: Corrosive (Rabbit) Primary irritations of the mucous membrane rabbit: Risk of serious damage to eyes.
Persistence/Degradability	Not Available
Mobility	Not Available
Environmental Protection	Do not allow to enter drains, waterways or sewers.

Section 13: Disposal Considerations**Disposal Considerations**

Do not dump into any sewers, on the ground, or into any body of water.

Contaminated Packaging

Disposal should be in accordance with the applicable regional, national and local laws and regulations. Observe all label precautions until containers is cleaned reconditioned or destroyed. Refer to all federal, state and local regulations prior to disposal of container and unused contents by reuse, recycle or disposal.

Section 14: Transport Information

UN Number	2735
ADG Proper Shipping Name:	Amines, Corrosive Liquid n.o.s
ADG DG Class	8 Corrosive
ADG Hazchem Code	2R
ADG Packing Group	III
IATA	Proper shipping name: Amines, Corrosive Liquid, n.o.s Class 8 UN/ID No: 2735 Packing Group: III
IMDG	Proper shipping name: Amines, Corrosive Liquid, n.o.s Class 8 UN/ID No: 2735 Packing Group: III

Section 15: Regulatory Information

Australia: Classified as hazardous according to the criteria of National Occupational Health and Safety Commission (NOHSC)

AICS / NICNAS

All components are listed or are exempt from listing on the Australian Inventory of Chemical Substances (AICS)

PART B _ HARDENER**SUSDP Poison Schedule**

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Section 16: Other Information

Contact Person/Point: Code and protect 0456643433

Poisons Information Centre Ph: 13 11 26 (24 Hour)

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 as a guidance for safe handling, use, processing, storage, transportation, disposal and release.

The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

Code and Protect cannot predict or control all conditions of use or handling of this product and each user must review this document in the context of the conditions under which they intend to handle and use this product. It is the responsibility of the user to ensure a proper assessment has been carried out. No representation or warranties, either expressed or implied, or merchantability, fitness for purpose or any other nature are made here under with respect to the product to which this information refers.

END OF SAFETY DATA SHEET