

JUST RESIN GHS SAFETY DATA SHEET

Section 1: Identification

GHS Product Identifier

Just Resin Art Cast (Part B – Fast Hardener)

Other means of identification

UN Number: 2735

Recommended use of the chemical and restriction on use

Curing agent for epoxy resin, for encapsulation

Suppliers details

Just Resin

PO BOX 123, Deer Park, 3023

info@justresin.com.au

Ph: 03 8358 4961

Emergency phone number

Ph: 1800 022 037 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

Skin corrosion – category 1B

Skin sensitisation – category 1

Hazard Word

Danger

GHS Label Elements



Hazard Statements

H302 (Harmful if swallowed)

H312 (Harmful in contact with skin)

H314 (Causes severe skin burns and eye damage)

H317 (May cause an allergic skin reaction)

JUST RESIN GHS SAFETY DATA SHEET

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.

P303+361+353: IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/ shower.

P305+351+338: 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.

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	<30.0
1,2-Ethanediamine,N-N'-Bis-(2-Aminoethyl)-; N,N'-Bis(2-Aminoethyl)-1,2-Ethanediamine	112-24-3	<5
Benzyl Alcohol	100-51-6	<25
1,2-Ethanediamine, N-[2-(1-piperazinyl)ethyl]-	24028-46-4	<23
1,2-Ethanediamine, N,N-bis(2-aminoethyl)-	4097-89-6	<7
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 wash room facilities.
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 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.

JUST RESIN GHS SAFETY DATA SHEET

Section 9: Physical and Chemical Properties

Form:	Liquid
Colour:	Clear / Light Yellow
Odour:	Amine Odour
pH:	Not Available
Melting Point:	Not Determined
Boiling Point:	>180°C
Flash Point:	>100°C ASTM D93
Vapour Density:	Not Available
Vapour Pressure:	10.34 mmHg @ 21°C
Density:	1.00 to 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 and direct sunlight. Exposure to water vapour.
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 : 1,030 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

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)

SUSDP Poison Schedule

5

Section 16: Other Information

Contact Person/Point: Just Resin Ph: (03) 8358 4961
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.

Just Resin 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

JUST RESIN GHS SAFETY DATA SHEET