

**Section 1: Identification of Material and Supplier****GHS Product Identifier****Just Resin RiverPour (Part A – Resin)****Other means of identification**

UN Number: 3082

**Recommended use of the chemical and restriction on use**

Epoxy Resin for Casting and encapsulation

**Supplier's 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 (Oral/Dermal) – category 5

**Hazard Word**

WARNING

**GHS Label Elements****Hazard Statements**

H303 (May be Harmful if swallowed)

H313 (May be harmful in contact with skin)

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.

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.

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

**Response:**

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

P302+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.

P332+P313: If skin irritation occurs: Get medical advice/attention.

P304+340: IF INHALED: Remove person to fresh air and keep comfortable for breathing.

**Other Hazards**

None Known

**Section 3: Composition/information on ingredients**

Chemical Name	Cas No	Weight %
Cyclohexanol, 4,4'-(1-methylethylidene)bis-, polymer with (chloromethyl)oxirane	30583-72-3	50-70
4,4'-Methylenediphenol, Bisphenol F	620-92-8	10-20
Diluent Blend	Proprietary	5-20
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.
- 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 (CO<sub>2</sub>). 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

#### Fire Fighting

Alert Fire Brigade and tell them location and nature of hazard.

Full protective clothing and self-contained breathing apparatus. Operated in a positive pressure mode.

Prevent, by any means available, spillage from entering drains or water course.

Use water delivered as a fine spray to control fire and cool adjacent area.

#### Fire/Explosion Hazard

Heating may cause expansion or decomposition leading to violent rupture of containers.

**Hazchem Code:** N/A

## Section 6: Accidental Release Measures

### Emergency Procedures

#### Personal precautions, protective equipment, and emergency procedures

Refer to Section 8 of this SDS.

#### Methods and materials for containment and cleaning up

##### Minor Spills

Clean up all spills immediately.

Avoid breathing vapours and contact with skin and eyes.

Wear impervious gloves and safety goggles.

Trowel up/scrape up.

##### Major Spills

Alert Fire Brigade and tell them location and nature of hazard.

Wear breathing apparatus plus protective gloves.

Prevent, by any means available, spillage from entering drains or water course.

Environmental hazard – contain spillage.

Personal Protective Equipment advice is contained in Section 8 of the SDS.

**Environmental precautions**

Avoid release into waterways

**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-sparking 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****Precautions for safe handling**

Wear protective clothing when risk of overexposure occurs.

Use in a well-ventilated area.

Store in original containers.

Keep containers securely sealed.

Wash thoroughly after use.

Maybe harmful if swallowed.

May cause respiratory tract irritation.

May cause skin sensitisation.

Observe manufacturer's storage and handling recommendations contained within this SDS.

**Conditions for Safe Storage including any incompatibilities****Suitable Container**

Store in a dry well-ventilated area, and out of direct sunlight.

Packing as supplied by manufacturer.

Protect containers against physical damage and check regularly for leaks.

Check that containers are clearly labelled and free from leaks.

Storage Temperature 2-43°C / 36-109.4°F

**Storage Incompatibility**

Avoid storage with amines, acids, alkalis, and oxidising agents.

**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.

<b>Eye Protection:</b>	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.
<b>Hand Protection:</b>	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.
<b>Body Protection:</b>	Suitable work wear should be worn to protect personal clothing. Industrial clothing should conform to the specifications detailed in AS/NZS 2919: Industrial Clothing.

### Section 9: Physical and Chemical Properties

<b>Form:</b>	Liquid
<b>Colour:</b>	Colourless to light blue
<b>Odour:</b>	Odourless – to slight sweet odour
<b>pH:</b>	Not Available
<b>Melting Point:</b>	Not Applicable
<b>Boiling Point:</b>	>320°C
<b>Flash Point:</b>	>140°C ASTM D93
<b>Vapour Density:</b>	Not Available
<b>Vapour Pressure:</b>	Not Available
<b>Density:</b>	1.10 – 1.15
<b>Auto-Ignition Temperature:</b>	Not Applicable
<b>Flammable Limits-Lower:</b>	Not Applicable
<b>Flammable Limits-Upper:</b>	Not Applicable

### Section 10: Stability and Reactivity

<b>Chemical Stability:</b>	Stable under normal conditions
<b>Conditions to avoid:</b>	Extremes of temperature.
<b>Incompatible Materials:</b>	Strong oxidising agents.
<b>Hazardous Decompositions:</b>	Oxides of Nitrogen, Carbon Monoxide.

### Section 11: Toxicology Information

<b>Test:</b>	LD50: Species: Rat >2,000 mg/kg Very Low toxicity if swallowed. Harmful effects not anticipated from swallowing small amounts.
<b>Test:</b>	LD50: Species: Rabbit >2,000mg/kg Prolonged skin contact is unlikely to result in absorption of harmful amounts. At room temperature exposure to vapour is minimal due to low volatility. The LC50 has not been determined.
<b>Skin Contact:</b>	May cause sensitisation by skin contact.

**Eye Contact:** May cause irritation to eyes.  
**Ingestion:** No anticipated harmful effects in small amounts.  
**Inhalation:** May cause sensitisation by inhalation.

## Section 12: Ecological Information

**Ecotoxicity** No further relevant information available.

### Acute toxicity to aquatic invertebrates

No further relevant information available.

### Acute toxicity to algae/aquatic plants

No further relevant information available.

### Toxicity to bacteria

No further relevant information available.

**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

**Road and Rail Transport:** Not classified as Dangerous Goods according to the criteria of the Australian Code for the Transport of Dangerous Goods by Road and Rail (ADG Code).

**IATA:** Proper shipping name: Environmentally hazardous substance, liquid, n.o.s  
Class 9  
UN/ID No: 3082 Packing Group: III  
Special provision A197 net quantity per inner packaging of 5L or less for liquids

**IMDG:** Proper shipping name: Environmentally hazardous substance, liquid, n.o.s  
Class 9  
UN/ID No: 3082 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**

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**International Regulations**

**Ozone-depleting substances (ODS):** Not Applicable

**Persistent Organic Pollutants:** Not Applicable

**Export Notification requirements:** Not Applicable

**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