

Section 1: Identification**GHS Product Identifier****DiamondCote (Part B – Hardener)****Other means of identification**

Not Applicable

Recommended use of the chemical and restriction on use

Curing agent for epoxy resin

Suppliers details

Just Resin Pty Ltd

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Ph: +61 3 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**

Skin Irritation – Category 2

Eye Irritation – Category 2A

Hazard Word

WARNING

GHS Label Elements**Hazard Statements**

H315: Causes skin irritation

H317: May cause an allergic skin reaction

H319: Causes eye irritation

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.

P261: Avoid breathing dust/fume/gas/mist/vapours/spray.

P264: Wash hands thoroughly after handling.

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

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

Response:

P301+P330+P331: IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.

P302+P352: IF ON Skin: Wash with plenty of soap and water.

P332+P337+P313: If skin/eye irritation occurs/persists: Get medical advice/attention.

P362: Take off contaminated clothing and wash before reuse.

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

Other Hazards

None Known

Section 3: Composition/information on ingredients

Chemical Name	Cas No	Weight %
Proprietary Amine Blend	Proprietary	30-60
Benzyl Alcohol	100-51-6	30-60
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:** If fumes or combustion products are inhaled lay patient down, keep warm and rested. Prosthetics such as false teeth which may block airways, should be removed where possible prior to initiating first aid procedures. Apply artificial respiration, if not breathing, preferably with a demand valve resuscitator, bag-valve mark device, or pocket mask as trained. Perform CPR is necessary. Transport to hospital, or doctor.
- Ingestion:** If swallowed do NOT induce vomiting. If vomiting occurs, lean patient forward or place on left side (head-down position, if possible) to maintain open airway and prevent aspiration. Observe the patient carefully. Never give liquid to a person showing signs of being sleepy or with reduced awareness; i.e. becoming unconscious. Give water to rinse out mouth, then provide liquid slowly and as much as casualty can comfortably drink. Seek medical advice. Avoid giving milk or oils. Avoid giving alcohol. If spontaneous vomiting appears imminent or occurs, hold patient's head down, lower than their hips to help avoid possible aspiration of vomitus.
- Skin:** If skin contact occurs, immediately remove all contaminated clothing, including footwear. Flush skin and hair with running water (and soap if available). Seek medical attention in event of irritation.
- Eye:** If this product comes in contact with the eyes, wash out immediately with fresh running water. Ensure complete irrigation of the eye by keeping eyelids apart and away from eye and moving the eyelids by occasionally lifting the upper and lower lids. Seek medical attention without delay; if pain persists or recurs seek medical attention. Removal of contact lenses after an eye injury should only be undertaken by skilled personnel.
- 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

Foam, Fine Water Spray, Dry Chemical or Carbon Dioxide (Where regulations permit).

Large Fire: General extinguisher powder, water spray or fog.

Specific hazards arising from the chemical

During a fire, smoke may contain the original material in addition to combustion products of varying composition which may be toxic and/or irritating. Combustion products may include but not limited to: Phenolics, carbon monoxide, Carbon Dioxide.

Precautions in connection with fire

Fire Fighting

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.

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.

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.

Store away from incompatible materials in a cool, dry well-ventilated area, and out of direct sunlight.

Protect containers against physical damage and check regularly for leaks.

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

Conditions for safe storage, including any incompatibilities

Suitable Container

Packing as supplied by manufacturer.

Check that containers are clearly labelled and free from leaks.

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

Storage Incompatibility

Avoid storage with 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 Type A Filter of enough capacity, to comply with AS/NZS 1716 & 1715, EN 143:2000 & 149:2001, ANSI Z88 or national equivalent.

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.

Contact lenses may pose a special hazard; soft contact lenses may absorb and concentrate irritants. A written policy document, describing the wearing of lenses or restrictions on use, should be created for each workplace or task. This should include a review of lens absorption and adsorption for the class of chemicals in use and an account of injury experience. Medical and first-aid personnel should be trained in their removal and suitable equipment should be readily available. In the event of chemical exposure, begin eye irrigation immediately and remove contact lens as soon as practicable.

Hand Protection: Wear impervious gloves. PE/EVAL/PE/PVA/TEFLON/NITRILE are the most ideal choice for using this product. This material may produce skin sensitisation in predisposed individuals. Care must be taken when removing gloves and other protective equipment, to avoid all possible skin contact.

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.

Section 9: Physical and Chemical Properties

Form: Liquid
Colour: Clear to Amber
Odour: Ammoniacal
pH: Not Available
Melting Point: Not Applicable
Boiling Point: >260°C
Flash Point: Not Available
Vapour Pressure: Not Available
Density: 0.96
Auto-Ignition Temperature: Not Applicable
Flammability: No
Flammable Limits-Lower: Not Applicable
Flammable Limits-Upper: Not Applicable
Solubility in water: Yes

Section 10: Stability and Reactivity

Chemical Stability: Product is considered stable. Hazardous polymerisation will not occur.
Conditions to avoid: Extremes of temperature and direct sunlight. **Refer to section 7**
Incompatible Materials: Alkalis and oxidising agents.
Hazardous Decompositions: May include but not limited to Phenolics, carbon monoxide, Carbon Dioxide.
Hazardous Polymerisation: Reacts with alkalis and oxidising agents.

Section 11: Toxicology Information

Test: Oral LD50 (Rat): 1620 mg/kg
 Inhalation LC50 (Rat): > 4.178 mg/L – 4 hrs
Skin Contact: May cause irritation/sensitisation by skin contact.
Eye Contact: May cause irritation/eye damage by contact.
Ingestion: May be harmful if swallowed.
Inhalation: May cause sensitisation by inhalation. The chemical has very low acute toxicity, based on the available data.

Section 12: Ecological Information

Test: Fish EC50 48 hour: >220mg/L
Persistence/Degradability: Not Available
Mobility in soil: 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. Refer to all federal, state and local regulations prior to disposal of container and unused contents by reuse, recycle or disposal.

Contaminated Packaging

Disposal should be in accordance with the applicable regional, national and local laws and regulations. If container cannot be cleaned sufficiently well to ensure that residuals do not remain or if the container cannot be used to store the same product refer to all federal, state and local regulations prior to disposal of container and unused contents by reuse, recycle or disposal. Where possible retain label warnings and SDS and observe all notices pertaining to the product.

Section 14: Transport Information

This material is not regulated under ADG Australia, IATA and IMDG Codes.

Marine Pollutant:	No
HAZCHEM:	N/A
Land Transport (ADG Code):	Not Applicable
Air Transport (IATA Code):	Not Applicable
Sea Transport (IMDG Code):	Not Applicable

Section 15: Regulatory Information

Australia: This product or its components are listed on or are exempt from the Australian Inventory of Chemical Substances (AICS)

AICS / NICNAS

All components are listed on 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: +61 3 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