

Section 1: Identification of Material and Supplier

GHS Product Identifier

Just Resin ARC (Acrylic Resin Casting) Plaster Powder Base

Other means of identification

UN Number: Not Applicable

Recommended use of the chemical and restriction on use

Plaster & Acrylic Resin Composite for Casting/Encapsulation/Moulding

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

Skin Irritation – Category 3
Acute Toxicity Oral Category 5
Acute Toxicity Dermal Category 5
Acute Toxicity Inhalation Category 5

Label Elements

No signal word, pictograms or hazard have been allocated.

Hazard Statements

H303: May be harmful if swallowed
H313: May be harmful in contact with skin
H317: May cause an allergic reaction
H333: May be harmful if inhaled

Precautionary Statements

P102: Keep out of reach of children
P103: Read label before use
P261: Avoid breathing dust/fumes/gas/mist/vapours/spray

Response:

P302+P352 IF ON SKIN: Wash with plenty of soap and water
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 %
Plaster Of Paris (Calcium Sulfate Hemihydrate)	26499-65-0	>90
Titanium Oxide (TiO ₂)	13463-67-7	<2
Trade Secret		<5

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 victim to fresh air. Inhalation of dust may cause the following irritation of the throat, nose and lungs and may cause coughing. Prolonged exposure may cause chronic effects.
- Ingestion:** Plaster of Paris hardens and if ingested may result in stomach and intestinal blockage. Drinking gelatine solutions or large amounts of water may delay setting. Never give anything by the mouth to an unconscious patient. If vomiting occurs give further water. Seek medical advice.
- 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:** Dust contact with the eye(s) occurs, do not rub eyes. Flush 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:** Wash out immediately with fresh running water.
- 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**

If material is involved in a fire use water fog (or if unavailable fine water spray), alcohol resistant foam, standard foam, dry agent (carbon dioxide, dry chemical powder).

Specific hazards arising from the chemical

Non-combustible material.

Precautions in connection with fire

Not applicable.

Section 6: Accidental Release Measures

SMALL SPILLS: Wear protective equipment to prevent skin and eye contamination. Avoid inhalation of vapours or dust. Wipe up with absorbent (clean rag or paper towels). Collect and seal in properly labelled containers or drums for disposal.

LARGE SPILLS: Clear area of all unprotected personnel. Slippery when spilt. Avoid accidents, clean up immediately. Wear protective equipment to prevent skin and eye contamination and the inhalation of dust. Work up wind or increase ventilation. Cover with damp absorbent (inert material, sand or soil). Sweep or vacuum up, but avoid generating dust. Collect and seal in properly labelled containers or drums for disposal. If contamination of crops, sewers or waterways has occurred advise local emergency services.

Dangerous Goods - Initial Emergency Response Guide No: Not applicable

Section 7: Handling and Storage

Storage

Precautions for safe handling: Avoid eye contact and repeated or prolonged skin contact. Avoid inhalation of dust.

Conditions for Safe Storage: Store in a cool, dry, well-ventilated area out of direct sunlight. Store away from foodstuffs. Store away from incompatible materials described in Section 10. Store away from sources of heat and/or ignition. Keep container standing upright. Keep containers closed when not in use - check regularly for spills.

Section 8: Exposure Controls / Personal Protection

National occupational exposure limits: Inspirable dust: TWA 10 mg/m³

As published by Safe Work Australia.

TWA: The time-weighted average airborne concentration over an eight-hour working day, for a five-day working week over an entire working life.

STEL: Short Term Exposure Limit, the average airborne concentration over a 15-minute period which should not be exceeded at any time during a normal eight-hour workday.

These Exposure Standards are guides to be used in the control of occupational health hazards. All atmospheric contamination should be kept to as low a level as is workable. These exposure standards should not be used as fine dividing lines between safe and dangerous concentrations of chemicals. They are not a measure of relative toxicity.

If the directions for use on the product label are followed, exposure of individuals using the product should not exceed the above standard. The standard was created for workers who are routinely, potentially exposed during product manufacture.

Biological Limit Values: No biological limit allocated.

Engineering Controls: Work in the open air and external openings (such as doors and windows in buildings) which generally provides adequate ventilation. Local mechanical ventilation or extraction may be required to control airborne dust levels. Hand tools generate less

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dust when cutting, drilling or sanding. If power tools are used, they should be fitted with efficient and well-maintained dust extraction devices. If generated dust cannot be avoided, follow personal protection recommendations.

Where possible vacuum or wash down all gear, equipment or mobile plant prior to maintenance and repair work. If compressed air cleaning cannot be avoided, recommendations on Exposure Control and Personal Protection should be followed.

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.

Section 9: Physical and Chemical Properties

Form:	Solid Powder
Colour:	White / Off-White
Odour:	Slight Plaster
pH:	7 – 8.5
Melting Point:	Not Available
Boiling Point:	Not Available
Flash Point:	Not Available
Vapour Density:	Not Available
Vapour Pressure:	Not Available
Density:	2.65 – 2.96
Auto-Ignition Temperature:	Not Available
Decomposition Temperature:	>1300°C
Flammable Limits-Lower:	Not Available
Flammable Limits-Upper:	Not Available

Section 10: Stability and Reactivity

Chemical stability: This material is thermally stable when stored and used as directed.

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Conditions to avoid: Elevated temperatures and sources of ignition.

Incompatible materials: Oxidising agents.

Hazardous decomposition products: Oxides of carbon, sulphur and nitrogen, smoke and other toxic fumes.

Hazardous reactions: No known hazardous reactions.

Section 11: Toxicology Information

No adverse health effects expected if the product is handled in accordance with this Safety Data Sheet and the product label. Symptoms or effects that may arise if the product is mishandled and overexposure occurs are:

Acute Effects

- Inhalation:** Material may be an irritant to mucous membranes and respiratory tract.
- Skin contact:** Contact with skin may result in irritation.
- Ingestion:** Swallowing can result in nausea, vomiting and irritation of the gastrointestinal tract.
- Eye contact:** May be an eye irritant. Exposure to the dust may cause discomfort due to particulate nature. May cause physical irritation to the eyes.

Acute toxicity

- Inhalation:** This material has been classified as non-hazardous. Acute toxicity estimate (based on ingredients): LC50 > 10 mg/L.
- Skin contact:** This material has been classified as non-hazardous. Acute toxicity estimate (based on ingredients): >5,000 mg/Kg.
- Ingestion:** This material has been classified as non-hazardous. Acute toxicity estimate (based on ingredients): >5,000 mg/Kg.
- Corrosion/Irritancy:** **Eye:** this material has been classified as not corrosive or irritating to eyes.
Skin: this material has been classified as not corrosive or irritating to skin.
- Sensitisation:** **Inhalation:** this material has been classified as not a respiratory sensitiser.
Skin: this material has been classified as not a skin sensitiser.
- Aspiration hazard:** This material has been classified as non-hazardous.
- Specific target organ toxicity:** Single exposure, this material has been classified as non-hazardous.

Chronic Toxicity

- Eyes:** Dust may cause irritation and inflammation of the eyes and aggravate pre-existing eye conditions.
- Skin:** Repeated heavy contact with the dust may cause drying of the skin and can result in skin rash (dermatitis) typically affecting the hands. Over time this may become chronic and can also become infected.

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Inhaled:	Repeated exposure to the dust may result in increased nasal and respiratory secretions and coughing. Inhaling dust may aggravate pre-existing respiratory conditions.
Mutagenicity:	This material has been classified as non-hazardous.
Carcinogenicity:	This material has been classified as non-hazardous.
Reproductive toxicity:	Including via lactation, this material has been classified as non-hazardous.
Specific target organ toxicity:	Repeat exposure, this material has been classified as non-hazardous.

Section 12: Ecological Information

Avoid contaminating waterways.

Acute aquatic hazard: This material has been classified as non-hazardous. Acute toxicity estimate (based on ingredients): >100 mg/L

Long-term aquatic hazard: This material has been classified as non-hazardous. Non-rapidly or rapidly degradable substance for which there are adequate chronic toxicity data available OR in the absence of chronic toxicity data, Acute toxicity estimate (based on ingredients): >100 mg/L, where the substance is not rapidly degradable and/or BCF < 500 and/or log K_{ow} < 4.

Ecotoxicity: No information available.

Persistence and degradability: No information available.

Bioaccumulative potential: No information available.

Mobility: No information available.

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).

UN: NOT REGULATED FOR TRANSPORT OF DANGEROUS GOODS
IATA: NOT REGULATED FOR TRANSPORT OF DANGEROUS GOODS
IMDG: NOT REGULATED FOR TRANSPORT OF DANGEROUS GOODS

Labels Required

Marine Pollutant: NO

Section 15: Regulatory Information

Australia: Not 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)

SUSMP Poison Schedule

No data available

Section 16: Other Information

Contact Person/Point: Just Resin Ph: (03) 8358 4961
Poisons Information Centre Ph: 13 11 26 (24 Hours)

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

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