

Safety Data Sheet

Date of Issue: November 24
(Supersedes Nil)

Resin RockFiller

Section 1: Identification of the substance/mixture and of the supplier

Product Name: Resin Rock Filler.
 Product Use: Stir-in Aggregates for clear epoxy coatings for screed and slurry broadcast systems.
 Pack Size: 12lt.

Company: Real World Epoxies
 Address: 19/10 Miltiadis St
 Acacia Ridge
 QLD 4110

Emergency Phone: 0408 877 256

Section 2: Hazards Identification

Not classified as hazardous according to Safe Work Australia criteria.

Section 3: Composition/information on ingredients

INGREDIENT	CAS NUMBER	PROPORTION %
Silica Amorphous	7631-86-9	>60%
Aluminium oxide (Al ₂ O ₃)	1344-28-1	1-10%
Calcium carbonate	471-34-1	1- 10%
Iron oxide (Fe ₂ O ₃)	1309-37-1	<1%
Magnesium oxide (MgO)	1309-48-4	<1%
Ingredients determined to be Non-Hazardous		Balance

Section 4: First-aid measures

Ingestion: Immediately wash out mouth with water. In general no treatment is necessary unless large quantities are ingested, however, seek medical attention.

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.

Skin Contact: No first aid should be needed since dermal contact with this product does not affect the skin. Wash exposed skin with soap and water before breaks and at the end of the shift.

Eye Contact: If contact with the eye(s) occurs, wash with copious amounts of water holding eyelid(s) open remove contact lenses after the initial 1-2 minutes and continue flushing for several additional minutes. Take care not to rinse contaminated water into the non-affected eye. If symptoms persist seek medical attention, preferably an ophthalmologist.

Advice to Doctor: Treat symptomatically.

Other: For advice, contact a Poisons Information Center, e.g. Australia 131 126.

Section 5: Fire-fighting measures

Suitable Extinguishing Equipment: This product will not burn but is compatible with all extinguishing media. Use any media that is appropriate for the surrounding fire.

Hazards Arising from Chemical: Not flammable or combustible. Dry powders may accumulate static charge in handling which can be a source of ignition for flammable atmospheres.

Protective Equipment for Firefighters: None required with respect to this product. Full protective clothing and self-contained breathing apparatus required for fires indoors or in confined areas.

Section 6: Accidental release measures

Personal Precautions: Wear protective equipment. Keep unprotected persons away.

Environmental Precautions: Report spills and releases as required to appropriate authorities.

Methods for Clean Up: If uncontaminated, collect using dustless method (HEPA vacuum or wet method) and place in appropriate container.

Section 7: Handling and storage

Handling: General good practice required. Ensure adequate ventilation. Avoid breathing dust. Use normal precautions against bag breakage or spills of bulk material. Avoid creation of respirable dust.

Safety Data Sheet

Dust can accumulate electrostatic charges due to friction from transfer and mixing operations and cause an electrical spark (ignition source) which can ignite flammable liquids and atmospheres. Provide adequate precautions when adding this product to flammable and combustible mixtures like paints and coating, such as electrical grounding and bonding, inert atmosphere or non-sparking tools. However, bonding and grounds may not eliminate the hazard for static accumulation.

Storage: Store in a cool, dry location.

Section 8: Exposure controls and personal protection

Exposure Standards: The NOHSC TWA limit for:-
Aluminium Oxide, Calcium Carbonate and Magnesium oxide dust is - 10mg/m³.
Iron oxide fume (Fe₂O₃) is TWA - 5mg/m³.
Fumed Silica (respirable dust) is TWA - 2mg/m³.

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

Engineering Controls: Mechanical local exhaust at point of contaminant release if conditions warrant.
Personal Protection: When effective engineering controls are not feasible, or while they are being implemented, appropriate respiratory protection must be used. Use appropriate respiratory protection for respirable particulates based on consideration of airborne workplace concentrations and duration of exposure arising from intended end use. Refer to the most recent government and local standards. Safety glasses with side shields, goggles or full-face shield as appropriate recommended. Eye protection should conform with Australian/New Zealand Standard AS/NZS 1337. Wear gloves of impervious material such as impervious PVC or rubber gloves. Reference should be made to AS/NZS 2161.1. Suitable work wear should be worn to protect personal clothing. Industrial clothing should conform to the specifications detailed in AS/NZS 2919. Wash hands prior to eating.

Section 9: Physical and chemical properties

Appearance:	Off-white granules.		
Packaging:	Packaged in its own 15-litre plastic container with press fit lid.		
Odour:	None.	Odour Threshold:	Not applicable.
pH:	8.1	Melting/Freezing Point:	>1500°C.
Initial Boiling Point:	Not applicable.	Boiling Point Range:	Not applicable.
Flashpoint:	Not applicable.	Evaporation Rate:	Not applicable.
Flammability:	Not applicable.	Flammability Limits:	Not applicable.
Vapour Pressure:	Not applicable.	Vapour Density:	Not applicable.
Relative Density:	2.0kg/L	Solubility in Water:	Insoluble.
Partition Co-efficient:	Not applicable.	Auto ignition Temp:	Will not burn.
Decomposition Temp.:	Not applicable.	Viscosity:	Not applicable.

Section 10: Stability and reactivity

Reactivity: This product is not reactive under normal conditions of storage and use.
Chemical Stability: This product is stable at normal temperatures.
Conditions to Avoid: Elevated temperatures and sources of ignition.
Incompatible Materials: None known.
Hazardous Decomposition Products: None known.

Section 11: Toxicological information

Likely Routes of Exposure: Eyes, respiratory system.
Target Organs: Eyes, skin, respiratory system.
Acute Toxicity: Oral - No applicable toxicity data.
Dermal - No applicable toxicity data.
Inhalation - No applicable toxicity data.
Other Routes - No applicable toxicity data.
Skin Damage/Irritation: No adverse effects expected.
Eye Damage/Irritation: Contact may cause mechanical irritation and possible injury.
Respiratory or Skin Sensitisation: Inhalation of dust may cause irritation of the nose, throat and respiratory passages. Not a skin sensitizer in animals or humans.
Carcinogenicity: None of the components of this product are listed as carcinogens or suspected carcinogens.
Reproductive Toxicity: No specific data is available, however, there is no evidence that exposure has any effect on reproduction.
Genetic Toxicity: No specific data is available, however, there is no evidence that product is a germ cell mutagen.
STOT-single Exposure: No applicable toxicity data. No known significant effects or critical hazards.
STOT-repeated Exposure: No specific data is available, however, prolonged overexposure to nuisance dust may cause lung changes.
Aspiration Hazard: No applicable toxicity data. No known significant effects or critical hazards.

Section 12: Ecological information

Toxicity: No ecotoxicity data is available. This product is not expected to present an environmental hazard.
Persistence and Degradability: This product is not degradable but not hazardous to the environment.
Bioaccumulative Potential: Not expected to bioaccumulate.
Mobility in Soil: Not applicable.
Other Adverse Effects: None known.

Safety Data Sheet

Section 14: Transport information

Not classified as a dangerous good.

IATA

Not a dangerous good.

IMDG

Not a dangerous good.

Section 15: Regulatory information

Australia: Not classified as hazardous according to criteria of National Occupational Health and Safety Commission (NOHSC).

Section 16: Other relevant information

Technical Services Information Officer: 0408 877 256

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