

Safety Data Sheet

Date of Issue: September 21
(Supersedes January 21)

Rustic Filler

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

Product Name: Rustic Filler.
Product Use: Stir-in filler for Artepoxy Liquid Crystal (for use in Resin Rustic flooring system).
Pack Size: 16.45kg.

Company: Real World Epoxies Research Labs
Address: C/- 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.

GHS Label:



Signal Word: Warning

Hazard Statement: Dust can cause irritation to the cornea and conjunctiva. Causes mild skin irritation. Localized redness, pruritus and/or pain. May cause irritation by the inhalation of dust.

Precautionary Statement: Overexposure may cause temporary respiratory irritation. The product enters directly through the oral or nasal cavity.

Section 3: Composition/information on ingredients

INGREDIENT	CAS NUMBER	PROPORTION %
Glass Oxide	65997-17-3	>60
The remaining products are trade secrets		to 100

Section 4: First-aid measures

Ingestion: Immediately rinse mouth with water. Repeat until product is thoroughly removed. Make sure the individual has water to drink. Seek medical attention if effects develop or persist.

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: Wash contaminated skin with plenty of water. Seek medical attention if irritation effects develop or persist.

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: Solid, non-combustible glass bead. Electrostatic discharges may occur when handling the dry powder.

Protective Equipment for Firefighters: Extinguish preferably with dry chemical, foam or water spray. Spilled material is extremely slippery: Wear rubber boots with slip-resistant soles.

Safety Data Sheet

Section 6: Accidental release measures

Personal Precautions: Wear protective equipment. Keep unprotected persons away. Spilled material may be a slipping hazard.
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.
Use adequate ventilation and dust collection. Maintain, use, clean and fit test respirators in accordance with regulations. Maintain and test ventilation and dust collection equipment. Launder clothing that has become dusty. Empty containers (bags, bulk containers, storage tanks etc.) and retained product residue must be handled in accordance with the provisions of this Safety Data Sheet.

Storage: Store in a cool, dry location. Keep containers closed at all times.

Section 8: Exposure controls and personal protection

Exposure Standards: The NOHSC limit for dust otherwise not specified is TWA - 10mg/m³.
Engineering Controls: Mechanical local exhaust at point of contaminant release if conditions warrant. When transferring the product consider the potential for electrostatic charge build up and the need to dissipate those charges.
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.

Section 9: Physical and chemical properties

Appearance:	Very fine powder.		
Packaging:	Packaged in its own 15-litre plastic container with press fit lid.		
Odour:	None.	Odour Threshold:	Not applicable.
pH:	Not applicable.	Melting/Freezing Point:	>600°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:	2.50kg/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: Dust cloud formation.
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 - When a similar product was tested for acute oral toxicity to rats at a dosage level of 500 mg/kg body weight, all animals survived and gained weight.
Dermal - No applicable toxicity data.
Inhalation - When a similar product was tested for respiratory toxicity in a 6-month intratracheal study in rats, no mortalities, untoward reactions, or observations correlated with exposure to the product. Minimal multifocal inflammation of the lung occurred in 90% of males and 80% of females. No appreciable increase in fibrous tissue was present in these lesions.
Other Routes - No applicable toxicity data.

Skin Damage/Irritation: Contact may cause mechanical irritation and possible injury.
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.
Carcinogenicity: None of the components of this product are listed as carcinogens or suspected carcinogens. Note: Contains no free crystalline silica. All components are amorphous (non-crystalline).

Reproductive Toxicity: No specific data is available.
Genetic Toxicity: No specific data is available.
STOT-single Exposure: No applicable toxicity data.
STOT-repeated Exposure: No specific data is available.
Aspiration Hazard: No applicable toxicity data.

Safety Data Sheet

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.

Section 13: Disposal considerations

Disposal Methods: Comply with local, state and federal laws and regulations. Avoid releasing dust.

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: None.

Section 16: Other relevant information

Technical Services Information Officer: 0408 877 256

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