

Safety Data Sheet

Date of Issue: September 21
(Supersedes September 20)

Ezypatch

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

Product Name: Ezypatch.
Product Use: Stir-in powder for epoxy resins to create grouts and mortars.
Pack Size: 5kg.

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.

Section 3: Composition/information on ingredients

INGREDIENT	CAS NUMBER	PROPORTION %
Amorphous aluminosilicate	1327-36-2	>60

Section 4: First-aid measures

Ingestion: Immediately wash out mouth with water. Do not induce vomiting. 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: If skin becomes irritated, remove clothing, wash areas of contact with soap and water. Using a skin cream or lotion may be helpful in reducing irritation.

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: Material not combustible. Use any media that is appropriate for the surrounding fire.

Hazards Arising from Chemical: 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. 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.

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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 limit for dust otherwise not specified is TWA - 10mg/m³.
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.

Section 9: Physical and chemical properties

Appearance:	Fine white/grey/tan powder with no odour.		
Packaging:	Packaged in its own heat-sealed plastic bag.		
Odour:	None.	Odour Threshold:	Not applicable.
pH:	Not applicable.	Melting/Freezing Point:	1200°-1400°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:	0.9kg/L	Solubility in Water:	Insoluble.
Partition Co-efficient:	Not applicable.	Auto ignition Temp:	Not applicable.
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: None known.
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: No applicable toxicity data.
Skin Damage/Irritation: Prolonged contact with skin may cause irritation resulting in redness and itching. People with pre-existing skin conditions, such as dermatitis, should take extra care so as not to exacerbate the condition.
Eye Damage/Irritation: Contact with eyes may cause mechanical irritation resulting in redness, lacrimation and pain. May cause mild abrasion.
Respiratory or Skin Sensitisation: Inhalation of airborne dust may cause irritation to the mucous membrane and upper airways. Symptoms can include:
Coughing, sneezing and breathing difficulties. Repeated exposure to respirable silica may result in pulmonary fibrosis. (Silicosis). Silicosis is a fibro nodular lung disease caused deposition in the lungs of fine respirable particles of crystalline silica. Principal symptoms of silicosis are coughing and breathlessness.
Ingestion: Ingestion of large amounts may cause gastrointestinal disturbances. Symptoms can include nausea, vomiting and abdominal pain.
Carcinogenicity: Data not available to make classification.
Reproductive Toxicity: Data not available to make classification.
Genetic Toxicity: Data not available to make classification.
STOT-single Exposure: Data not available to make classification.
STOT-repeated Exposure: Data not available to make classification.
Aspiration Hazard: Data not available to make classification.

Section 12: Ecological information

Toxicity: No ecotoxicity data is available. This product is not expected to present an environmental hazard.
Persistence and Degradability: Product is inorganic. The methods for determining the biological degradability are not applicable to inorganic substances.
Bioaccumulative Potential: Not expected to bioaccumulate.
Mobility in Soil: Not applicable.
Other Adverse Effects: None known.

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Section 13: Disposal considerations

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

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: Classified as non-dangerous goods. Safework Australia criteria is based on the Globally Harmonized System (GHS) of classification and labelling of chemicals.

Section 16: Other relevant information

Technical Services Information Officer: 0408 877 256

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