

Safety Data Sheet

Date of Issue: September 21
(Supersedes January 21)

Resin Vinyl & Resin Granite Flake

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

Product Name: Resin Vinyl and Resin Granite Flake.
 Product Use: Coloured vinyl flakes for use as a broadcast material in decorative resin flooring systems.
 Pack Size: 10kg.

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 GHS criteria.

Section 3: Composition/information on ingredients

INGREDIENT	CAS NUMBER	PROPORTION %
Barium sulphate	7727-43-7	>60
Proprietary resins		10-30
Titanium dioxide	13463-67-7	<10
Pigments		<10

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: Use alcohol film-forming foam, carbon dioxide, dry chemical, dry sand or water fog.

Hazards Arising from Chemical: No unusual fire or explosion hazards noted.

Protective Equipment for Firefighters: Full protective clothing and self-contained breathing apparatus required.

Section 6: Accidental release measures

Personal Precautions: Wear protective equipment. Keep unprotected persons away. Ensure adequate ventilation. Eliminate sources of ignition.

Environmental Precautions: For major spills, alert Fire Brigade and tell them location and nature of hazard.

Methods for Clean Up: Do not incinerate closed containers. Sweep up gently to avoid dust cloud formation. Dispose of material in accordance with local and federal regulations.

Section 7: Handling and storage

Handling: General good practice required. Ensure adequate ventilation. Avoid prolonged or repeated contact with the skin. Avoid contact with the eyes. Wash hands thoroughly after handling.

Storage: Store in a cool, dry location away from direct heat and sunlight. Keep container tightly closed when not in use.

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Section 8: Exposure controls and personal protection

Exposure Standards:	The time weighted average concentration (TWA) for this product is: None specified. Use 5 g/m ³ , which means the highest allowable exposure concentration in an eight-hour day for a five-day working week. The short term exposure limit (STEL) is: None specified. Use 5 g/m ³ , which is the maximum allowable exposure concentration at any time.		
Engineering Controls:	The use of local exhaust ventilation is recommended to control process emissions near the source. Provide mechanical ventilation of confined spaces.		
Personal Protection:	Where ventilation is inadequate the use of an Air Purifying Respirator with a replaceable organic vapour filter complying with AS/NZS 1715 and AS/NZS 1716 is recommended. 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:	Coloured vinyl flakes.		
Packaging:	Packaged in its own 15-litre plastic container with press fit lid.		
Odour:	Odourless.	Odour Threshold:	Not determined.
pH:	Not determined.	Melting/Freezing Point:	Not determined.
Initial Boiling Point:	Not determined.	Boiling Point Range:	Not determined.
Flashpoint:	Not determined.	Evaporation Rate:	Not determined.
Flammability:	Not applicable.	Flammability Limits:	Not applicable.
Vapour Pressure:	Not determined.	Vapour Density:	Not determined.
Relative Density:	3.6kg/L	Solubility in Water:	Insoluble.
Partition Co-efficient:	Not determined.	Auto ignition Temp:	Not determined.
Decomposition Temp.:	Not determined.		

Section 10: Stability and reactivity

Chemical Stability:	The product is stable under normal conditions.
Conditions to Avoid:	Avoid contact with strong acid and strong bases.
Incompatible Materials:	Incompatible with strong oxidizing agents, strong acids and strong alkalies. Not applicable for this product.
Hazardous Decomposition Products:	When heated to decomposition, it emits acrid smoke and irritating fumes. May produce hazardous fumes when heated to decomposition as in welding. Fumes may contain: carbon monoxide, carbon dioxide, chlorine, hydrogen chloride, cyanide, and methylene diphenyl diisocyanate.
Hazardous Polymerisation:	Will not occur under normal conditions.

Section 11: Toxicological information

Likely Routes of Exposure:	Effects on Eye - Irritating, and may injure eye tissue if not removed promptly. Effects on Skin - Low hazard for usual industrial handling. Inhalation Effects - Harmful if inhaled. High gas, vapor, mist or dust concentrations may be harmful if inhaled. Avoid breathing fumes, spray, vapors, or mist. Ingestion Effects - Expected to be a low ingestion hazard.
Acute Toxicity:	Oral - Titanium dioxide LD50 Rat >10,000mg/kg. Dermal - Titanium dioxide LD50 Rat >2500g/kg. Inhalation - No applicable toxicity data. Other Routes - No applicable toxicity data.
Chronic Toxicity:	Contains titanium dioxide. Titanium dioxide is listed as a Group 2B-"Possibly carcinogenic to humans" by IARC. No significant exposure to titanium dioxide is thought to occur during the use of products in which titanium dioxide is bound to other materials, such as in paints during brush application or drying. Risk of over-exposure depends on duration and level of exposure to dust from repeated sanding of surfaces or spray mist and the actual concentration of titanium dioxide in the formula.
Germ Cell Mutagenicity:	No specific data available.
Carcinogenicity:	No specific data available.
Reproductive Toxicity:	No specific data available.
STOT-single Exposure:	No specific data available.
STOT-repeated Exposure:	No specific data available.
Aspiration Hazard:	No specific data available.

Section 12: Ecological information

Toxicity:	No specific data available.
Persistence and Degradability:	No specific data available.
Bioaccumulative Potential:	No specific data available.
Mobility in Soil:	No specific data available.
Other Adverse Effects:	None known.

Section 13: Disposal considerations

Disposal Methods:	Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Use industrial disposal. Comply with local, state and federal laws and regulations.
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Section 14: Transport information

Proper shipping name: N/A
Class: N/A
UN/ID No: N/A
Packing Group: N/A
Hazchem: N/A

ADG

This product is not regulated for transport via road and rail.

IATA

This product is not regulated for transport via air.

IMDG

This product is not regulated for transport via sea.

Section 15: Regulatory information

Country/Region: Australia
Inventory: AICS
Status: Listed
Poisons Schedule: None

Section 16: Other relevant information

Technical Services Information Officer: 0408 877 256

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