Safety Data Sheet

Date of Issue: September 26
(Supersedes September 21)

Effect Pigment Pot

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

Product Name:	Effect Pigment Pot.
Product Use:	Metallic pigment powder for use in Artepoxy Liquid Crystal and other high-build decorative flooring systems.
Pack Size:	120g.
Company:	Real World Epoxies Pty Ltd
Address:	U19/10 Miltiadis Street Acacia Ridge QLD 4110
Emergency Phone:	0408 877 256

Section 2: Hazards Identification

Not classified as hazardous.

Precautionary Statements:
Prevention:
P260 - Do not breathe dust.

Section 3: Composition/information on ingredients

INGREDIENT	CAS NUMBER	PROPORTION %
Mica (coated with titanium dioxide, tin oxide, chromium oxide, ferric oxide and other auxiliaries)	12001-26-2	100

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:	Take off immediately all contaminated clothing. Rinse skin with water/ shower.
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.
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 extinguishing measures that are appropriate to local circumstances and the surrounding environment.
Hazards Arising from Chemical:	Not flammable or combustible. Ambient fire may liberate hazardous vapours.
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.
Environmental Precautions:	Report spills and releases as required to appropriate authorities. Do not let product enter drains.
Methods for Clean Up:	Cover drains. Take up dry. Dispose of properly. Clean up affected area. Avoid generation of dusts.

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.

Section 8: Exposure controls and personal protection

Exposure Standards: (For Components)	Mica Time Weighted Average (TWA): 3mg/m^3 Iron oxide Time Weighted Average (TWA): 5mg/m^3 Dichromium trioxide Time Weighted Average (TWA): 0.5mg/m^3 Tin dioxide Time Weighted Average (TWA): 2mg/m^3
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:	Very fine, coloured powder.		
Packaging:	Packaged in its own 500mL plastic container with press fit lid.		
Odour:	None.	Odour Threshold:	Not applicable.
pH:	6 - 11 (100 g/l slurry at 20 °C).	Melting/Freezing Point:	No information available.
Initial Boiling Point:	No information available.	Boiling Point Range:	No information available.
Flashpoint:	Not applicable.	Evaporation Rate:	No information available.
Flammability:	The product is not flammable	Flammability Limits:	Not applicable.
Vapour Pressure:	No information available.	Vapour Density:	No information available.
Relative Density:	3 - 3.5kg/L	Solubility in Water:	Practically insoluble.
Partition Co-efficient:	No information available.	Auto ignition Temp:	No information available.
Decomposition Temp.:	No information available.	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:	No information available.
Hazardous Decomposition Products:	No information available.

Section 11: Toxicological information

Likely Routes of Exposure:	Eyes, respiratory system.
Target Organs:	Eyes, skin, respiratory system.
Acute Toxicity:	No information available.
Skin Damage/Irritation:	No information available.
Eye Damage/Irritation:	No information available.
Respiratory or Skin Sensitisation:	No information available.
Carcinogenicity:	No information available.
Reproductive Toxicity:	No information available.
Genetic Toxicity:	No information available.
STOT-single Exposure:	No information available.
STOT-repeated Exposure:	No information available.
Aspiration Hazard:	No information available.

Further Information:	Hazardous properties cannot be excluded, but are relatively improbable due to the compound's poor water solubility. Inhalation of the dusts should be avoided as even inert dusts may impair respiratory organ functions. Handle in accordance with good industrial hygiene and safety practice.

Components:

Tin dioxide:	Acute oral toxicity, LD50 Rat: > 20,000 mg/kg.

Section 12: Ecological information

Toxicity:	No information available.
Persistence and Degradability:	No information available.
Bioaccumulative Potential:	No information available.
Mobility in Soil:	No information available.
Other Adverse Effects:	Discharge into the environment must be avoided.

Components:

Tin Dioxide:	Toxicity to daphnia and other aquatic invertebrates - NOEC Daphnia magna (Water flea): > 100 mg/L; 48 h. EC50 Daphnia magna (Water flea): > 100 mg/l; 48 h.
Dichromium Trioxide:	Toxicity to fish: LC0 (Leuciscus idus (Golden orfe)): >= 1,000 mg/L; 48 h. Toxicity to microorganisms: EC0 (E.coli): 1,000 mg/L, EC0 (Pseudomonas fluorescens): 10,000 mg/L.

Section 13: Disposal considerations

Disposal Methods: Waste material must be disposed of in accordance with the national and local regulations. Leave chemicals in original containers. No mixing with other waste. Handle uncleaned containers like the product itself.

Section 14: Transport information

Not classified as a dangerous good.

IATA
Not a dangerous good.

IMDG
Not a dangerous good.

Section 15: Regulatory information

Storage Class: 10-13

For this product a chemical safety assessment was not carried out.

Section 16: Other relevant information

Technical Services Information Officer: 0408 877 256

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