Coatings just got easier.

Safety Data Sheet

Date of Issue: September 26
(Supersedes September 21)

Matte

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

Product Name:	Matte.
Product Use:	Stir-in matting agent for one-pack, moisture-cured polyurethane (Ezypoly).
Pack Size:	780g.
Company:	Real World Epoxies Pty Ltd
Address:	U19/10 Miltiadis Street Acacia Ridge QLD 4110
Emergency Phone:	0408 877 256

Section 2: Hazards Identification

GHS Classification:
Eye Damage/Irritation: Category 2A.

GHS Label:



Signal Word: Warning

Precautionary Statements:
Hazards:
H319 - Causes serious eye irritation.

Prevention:
P264 - Wash skin thoroughly after handling.
P280 - Wear protective gloves/eye protection/face protection.

Response:
P305 + P351 + P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P337 + P313 - If eye irritation persists: Get medical advice/attention.

Section 3: Composition/information on ingredients

INGREDIENT	CAS NUMBER	PROPORTION %
Cyclic ester		30-60
The remaining products are trade secrets		to 100

Section 4: First-aid measures

Ingestion:	Rinse mouth, then drink plenty of water. Do not induce vomiting. Get medical advice/attention if you feel unwell. Never give anything by mouth to an unconscious person.
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:	Remove material from skin immediately by washing with soap and plenty of water. Remove contaminated clothing and shoes while washing. Seek medical attention if irritation persists. Wash clothing before reuse. Discard items which cannot be decontaminated, including leather articles such as shoes, belts and watchbands.
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. Suitable emergency eye wash facilities should be available in the work area.
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:	Dry chemical or foam.
Hazards Arising from Chemical:	If safe to do so, move undamaged containers from fire area. Cool containers with water spray until well after fire is out. Combustible liquid; May burn but does not ignite readily. Containers may explode when heated. Fire may produce irritating, toxic and/or corrosive fumes, including Carbon monoxide and carbon dioxide.
Protective Equipment for Firefighters:	Full protective clothing and self-contained breathing apparatus required.

Section 6: Accidental release measures

Personal Precautions:	Wear protective equipment. Clear the area. Keep unprotected persons away. Ensure adequate ventilation. Warn occupants of downwind areas of possible fire and explosion hazard.
Environmental Precautions:	Do not allow to enter sewers or drainage. Construct a dike with absorbent, liquid-binding material to prevent spreading. Advise authorities if substance has entered a watercourse or sewer or has contaminated soil or vegetation.
Methods for Clean Up:	Absorb with earth, sand or other non-combustible material and transfer to suitable, closed containers for disposal.

Section 7: Handling and storage

Handling:	Safety showers and eyewash facilities should be provided within the immediate work area for emergency use. Ensure adequate ventilation. Handle in accordance with good industrial hygiene and safety practice. Avoid breathing vapours and contact with eyes, skin and clothing. Do not ingest. Combustible liquid: Keep away from heat and sources of ignition - No smoking.
Storage:	Store in a cool, dry and well-ventilated place, out of direct sunlight. Keep container tightly closed. Protect from moisture/humidity. Keep away from heat and sources of ignition - No smoking. Keep away from foodstuffs and incompatible materials.

Section 8: Exposure controls and personal protection

Exposure Standards:	No specific exposure standards are available for this product. Derived no-effect levels (DNELs) for workers: - Dermal (long-term, systemic effects): 50 mg/kg bw/d. - Inhalative (long-term, systemic effects): 176 mg/m^3. - Inhalative (long-term, local effects): 20 mg/m^3.
Engineering Controls:	A system of local and/or general exhaust is recommended to keep employee exposures as low as possible. Local exhaust ventilation is generally preferred because it can control the emissions of the contaminant at its source, preventing dispersion of it into the general work area.
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:	White paste.		
Packaging:	1 Litre plastic container with press fit lid.		
Odour:	Negligible.	Odour Threshold:	Not determined.
pH:	Not determined.	Melting/Freezing Point:	<-40°C.
Initial Boiling Point:	>200°C.	Boiling Point Range:	Not determined.
Flashpoint:	>110°C.	Evaporation Rate:	Not determined.
Flammability:	Not determined.	Flammability Limits:	Not determined.
Vapour Pressure:	Not determined.	Vapour Density:	Not determined.
Relative Density:	1.1kg/L.	Solubility in Water:	Partially soluble.
Partition Co-efficient:	Not determined.	Auto ignition Temp:	>400°C.
Decomposition Temp.:	Not determined.	Viscosity:	Not determined.

Section 10: Stability and reactivity

Possibility of Hazardous Reactions:	No dangerous reactions are known. Product is stable under normal storage conditions.
Conditions to Avoid:	Keep away from heat and sources of ignition. Protect from moisture/humidity.
Incompatible Materials:	Incompatible/reactive with strong oxidising agents, reducing agents, acids, bases, peroxides.
Hazardous Decomposition Products:	Fire/decomposition may produce irritating, toxic and/or corrosive fumes, including Carbon monoxide and carbon dioxide.

Section 11: Toxicological information

Acute Toxicity:	Oral LD50: Rat: > 5000mg/kg. Dermal TCLo: Rabbit: > 2000mg/kg.
Ingestion:	Based on available data, the classification criteria are not met. May cause nausea, vomiting, headache, central nervous system depression.
Skin Corrosion/Irritation:	Not an irritant.
Eye Damage/Irritation:	Causes serious eye irritation.
Respiratory or Skin Sensitisation:	Not skin sensitising.
Germ Cell Mutagenicity:	Negative (in vitro): Ames test [OECD 471]; Unscheduled DNA Synthesis (UDS) [OECD 482]. Negative (in vivo): Micronucleus test [OECD 474].

Carcinogenicity:	Not a carcinogen [OECD 451].
Reproductive Toxicity:	Based on available data, the classification criteria are not met.
STOT (single exposure):	Based on available data, the classification criteria are not met.
STOT (repeated exposure):	Based on available data, the classification criteria are not met.
Aspiration Hazard:	No applicable toxicity data.

Section 12: Ecological information

Toxicity:	Acute aquatic toxicity: - LC50, Fish (Cyprinus carpio (Common carp)): 1,000 mg/L (96 h) [EU Method C.1]. - EC50, Crustacea (Daphnia magna (Big water flea)): 1,000 mg/L (48 h) [OECD 202]. - EC50, Algae (Desmodesmus subspicatus (Green algae)): 900 mg/L (72 h) [OECD 201]. - NOEC, Algae (Desmodesmus subspicatus (Green algae)): 900 mg/L (72 h) [OECD 201]. Effects in sewage plant: - EC10, Bacterium (Pseudomonas putida): 7,400 mg/L (16 h) [DIN 38412, Part 8].
Persistence and Degradability:	Product is readily biodegradable - Biodegradation (water): >83 % (28 d) [OECD 301B].
Bioaccumulative Potential:	Bioaccumulation is not to be expected (log P(o/w) <1). - log P(o/w): -0.5 (20 °C).
Mobility in Soil:	Volatilisation: - Henry's constant: H = 0.00103 Pa* m3/mol (20 °C).
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

ADG
Not classified as a dangerous good.

IATA
Not classified as a dangerous good.

IMDG
Not classified as a dangerous good.

Section 15: Regulatory information

General Information:	No Data Available.
Poisons Schedule (Aust):	Not Scheduled.
Australia (AICS):	Listed.

Section 16: Other relevant information

Technical Services Information Officer: 0408 877 256

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