

Safety Data Sheet

Date of Issue: September 21
(Supersedes July 21)

Pigment Pot

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

Product Name: Pigment Pot.
Product Use: Stir-in colour additive for one-pack, moisture-cured polyurethane (Ezypoly).
Pack Size: 320mL.

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

This product is classified as not hazardous under Australian GHS criteria.

Section 3: Composition/information on ingredients

INGREDIENT	CAS NUMBER	PROPORTION %
Propylene glycol	25322-69-4	30-60
The remaining products are trade secrets		to 100

Section 4: First-aid measures

Ingestion: DO NOT INDUCE VOMITING. 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: 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, foam, carbon dioxide, water spray or fog (large fires only) or BCF (where regulations permit).

Hazards Arising from Chemical: During a fire, smoke may contain the original material in addition to combustion products of varying composition which may be toxic and/or irritating. Combustion products may include and are not limited to: carbon dioxide and carbon monoxide.

Protective Equipment for Firefighters: Wear full body protective clothing with breathing apparatus. Prevent spillage from entering drains or water course by any means available. Use water delivered as a fine spray and avoid spraying onto liquid pools. Cool fire exposed containers with water spray from a protected location, and if safe to do so, remove containers from path of fire.

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: Contain and absorb spill with sand, earth, inert material or vermiculite. Wipe up. Place in a suitable, labelled container for waste disposal.

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Section 7: Handling and storage

- Handling:** Avoid all personal contact, including inhalation. Wear protective clothing when risk of exposure occurs. Use in a well-ventilated area. Avoid smoking, naked lights or ignition sources. Avoid contact with incompatible materials. When handling, do NOT eat, drink or smoke. Keep containers securely sealed when not in use. Avoid physical damage to containers. Always wash hands with soap and water after handling. Work clothes should be laundered separately. Do NOT allow clothing wet with material to stay in contact with skin.
- Storage:** Store in a cool, dry place away from direct sunlight. Avoid strong acids, acid chlorides, acid anhydrides and chloroformates. Avoid reaction with oxidising agents.

Section 8: Exposure controls and personal protection

- Exposure Standards:** The temporary emergency exposure limits (TEEL) for propylene glycol are: TEEL-1 30mg/m³, TEEL-2 80mg/m³, TEEL-3 480mg/m³.
- Engineering Controls:** It is recommended to control process emissions near its source by using local exhaust ventilation. Laboratory samples should be handled in a fume hood. Mechanical ventilation should be provided in confined spaces. Ventilation equipment should be explosion-proof.
- 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

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| Appearance: | Grey coloured liquid. | Odour Threshold: | Not determined. |
| Packaging: | 500mL plastic container with press fit lid. | Melting/Freezing Point: | Not determined. |
| Odour: | Negligible. | Boiling Point Range: | Not determined. |
| pH: | Not determined. | Evaporation Rate: | Not determined. |
| Initial Boiling Point: | Not determined. | Flammability Limits: | Not applicable. |
| Flashpoint: | Not applicable. | Vapour Density: | Not determined. |
| Flammability: | Not applicable. | Solubility in Water: | Not determined. |
| Vapour Pressure: | Negligible. | Auto ignition Temp: | Not applicable. |
| Relative Density: | 1.50-1.60kg/L. | Viscosity: | Not determined. |
| Partition Co-efficient: | Not determined. | | |
| Decomposition Temp.: | Not determined. | | |

Section 10: Stability and reactivity

- Possibility of Hazardous Reactions:** Hazardous polymerisation will not occur.
- Conditions to Avoid:** Sources of heat, ignition, and open flames.
- Incompatible Materials:** Oxidising agents, mineral acids, halogenated organic compounds.
- Hazardous Decomposition Products:** Carbon dioxide, carbon monoxide, and other organic complexes on incomplete oxidation.

Section 11: Toxicological information

- Acute Toxicity:** Dermal LD50: Rabbit: > 2000mg/kg
Inhalation LC50: Rat: > 0.17mg/L 1hr
Oral LD50: Rat: > 2000mg/kg
- Ingestion:** Accidental ingestion of the material may be damaging to the health of the individual.
- Skin Corrosion/Irritation:** Skin contact is not thought to have harmful health effects (as classified under EC Directives); the material may still produce health damage following entry through wounds, lesions or abrasions. There is some evidence to suggest that this material can cause inflammation of the skin on contact in some persons. Open cuts, abraded or irritated skin should not be exposed to this material. Entry into the bloodstream, through, for example, cuts, abrasions or lesions, may produce systemic injury with harmful effects. Examine the skin prior to the use of the material and ensure that any external damage is suitably protected.
- Eye Damage/Irritation:** There is some evidence to suggest that this material can cause eye irritation and damage in some persons.
- Respiratory or Skin Sensitisation:** The material is not thought to produce either adverse health effects or irritation of the respiratory tract following inhalation (as classified by EC Directives using animal models). Nevertheless, adverse systemic effects have been produced following exposure of animals by at least one other route and good hygiene practice requires that exposure be kept to a minimum and that suitable control measures be used in an occupation setting.
- Germ Cell Mutagenicity:** No applicable toxicity data.
- Carcinogenicity:** No applicable toxicity data.
- Reproductive Toxicity:** No applicable toxicity data.
- Aspiration Hazard:** No applicable toxicity data.

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Section 12: Ecological information

Toxicity:	Polypropylene glycol LC50 96 Fish >100 Polypropylene glycol EC50 48 Crustacea >100 Polypropylene glycol EC50 72 Algae/other aquatic plants >100 Polypropylene glycol EC50 72 Algae/other aquatic plants >100 Polypropylene glycol NOEC 504 Crustacea >=10
Persistence and Degradability:	Data not available.
Bioaccumulative Potential:	Data not available.
Mobility in Soil:	Data not available.
Other Adverse Effects:	None known.

Section 13: Disposal considerations

Disposal Methods:	Empty packaging should be taken for recycling, recovery or disposal through a suitable qualified or licenced contractor. Care should be taken to ensure compliance with national and local authorities. Packaging may still contain fumes and vapours that are flammable and harmful. Ensure that empty packaging is allowed to dry. This product is NOT suitable for disposal by either landfill or via municipal sewers, drains, natural streams or rivers. This product must be disposed as chemical waste in accordance with the local authority. Comply with local, state and federal laws and regulations.
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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

Polypropylene glycol (25322-69-4) is found on the following regulatory lists:

Australia (AICS) – Yes
Canada (DSL) – Yes
Canada (NDSL) – No (polypropylene glycol)
China (IECSC) – Yes
Europe (EINEC/ELINCS/NLP) – Yes
Japan (ENCS) – Yes
Korea (KECI) – Yes
New Zealand (NZIoC) – Yes
Philippines (PICCS) – Yes
USA (TCSA) - Yes

Section 16: Other relevant information

Technical Services Information Officer: 0408 877 256

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