

Safety Data Sheet

Date of Issue: September 21
(Supersedes January 17)

3725 Part B

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

Product Name: 3725 Part B.
Product Use: Fast-cure underwater adhesive when mixed with 3725 Part A.
Pack Size: 2 litres.

Company: Real World Epoxies Research Labs
Address: C/- 19/10 Miltiadis Street
Acacia Ridge
QLD 4110

Emergency Phone: 0408 877 256

Section 2: Hazards Identification

Not considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200).

Section 3: Composition/information on ingredients

INGREDIENT	CAS NUMBER	PROPORTION %
Mercaptan polymer (non-hazardous, manufacturer's proprietary information)		>60
The remaining products are trade secrets		to 100

Section 4: First-aid measures

General Advice: Seek medical advice. If breathing has stopped or is laboured give assisted respirations. Supplemental oxygen may be indicated. If the heart has stopped begin cardiopulmonary resuscitation immediately.

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 occurs.

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 occur 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: Use water spray, foam or dry chemical to fight fire. Do not use water jet as an extinguisher, as this will spread the fire.

Hazards Arising from Chemical: During fire, gases hazardous to health may be formed.

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.

Environmental Precautions: Do not allow to enter sewers or drainage. Construct a dike with absorbent, liquid-binding material to prevent spreading.

Methods for Clean Up: Scrape up and place in suitable container for disposal. Wash area with solvent. Dispose of material as contaminated waste in accordance with local and federal regulations.

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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. Keep lids sealed tightly. Store away from acids, alkalis and oxidising agents.

Section 8: Exposure controls and personal protection

Exposure Standards: None known.

Engineering Controls: Mechanical local exhaust at point of contaminant release if conditions warrant.

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:	High-viscosity black liquid.	Odour Threshold:	Not determined.
Packaging:	2-litre plastic container with black press fit lid.	Melting/Freezing Point:	Not determined.
Odour:	Strong mercaptan odour.	Boiling Point Range:	Not determined.
pH:	Slightly acidic.	Evaporation Rate:	Not determined.
Initial Boiling Point:	Not determined.	Flammability Limits:	Not applicable.
Flashpoint:	>200°C.	Vapour Density:	Not determined.
Flammability:	Not applicable.	Solubility in Water:	Negligible.
Vapour Pressure:	Not determined.	Auto ignition Temp:	Not applicable.
Relative Density:	1.33kg/L	Viscosity:	Not determined.
Partition Co-efficient:	Not determined.		
Decomposition Temp.:	Not determined.		

Section 10: Stability and reactivity

Chemical Stability: The product is stable under normal conditions.

Conditions to Avoid: Mixing large volumes of Part A and Part B - expect a significant exotherm within 20-25 minutes at 25°C.

Incompatible Materials: Highly reactive or incompatible with the following materials: oxidizing materials and acids.

Hazardous Decomposition Products: Under normal conditions of storage and use, hazardous decomposition products should not be produced.

Section 11: Toxicological information

Likely Routes of Exposure: Dermal contact. Eye contact. Inhalation. Ingestion.

Acute Toxicity: Oral - LD50 > 2000mg/kg.
(for component containing mercaptan polymer. No data available on mixture)
Dermal - No applicable toxicity data.
Inhalation - No applicable toxicity data.
Other Routes - No applicable toxicity data.

Skin Corrosion/Irritation: No applicable toxicity data.

Eye Damage/Irritation: No applicable toxicity data.

Respiratory or Skin Sensitisation: No applicable toxicity data.

Carcinogenicity: No applicable toxicity data.

Reproductive Toxicity: No applicable toxicity data.

Germ Cell Mutagenicity: No applicable toxicity data.

STOT-single Exposure: No applicable toxicity data.

STOT-repeated Exposure: No applicable toxicity data.

Aspiration Hazard: No applicable toxicity data.

Section 12: Ecological information

Toxicity: No data is available on the product itself.

Persistence and Degradability: No data is available on the product itself.

Bioaccumulative Potential: No data is available on the product itself.

Mobility in Soil: No data is available on the product itself.

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. Residual Part B can be mixed with Part A to harden before disposal. Use industrial disposal. 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 Class:	Proper shipping name - Aviation regulated liquid n.o.s. (Mercaptan-terminated polymer)
UN/ID No:	9
Packing Group:	UN3334
	III

IMDG

Not classified as a dangerous good.

Section 15: Regulatory information

Australia: All components are listed on AICS, or are exempt.

Section 16: Other relevant information

Technical Services Information Officer: 0408 877 256

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