

Material Safety Data Sheet

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Durepoxy WBE -Pack B – Hibuild

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Classified as **Hazardous** according to criteria of NOHSC¹

Poison Schedule Number S5

UN NO.....:	None allocated	D.G. Class.:	None allocated	Pack. Group...:	None allocated
HAZCHEM:	None allocated	SUB. RISK.:	None allocated	SUSDP.....:	None allocated

PROPER SHIPPING NAME: Non allocated

PRODUCT USE: Hardener component for two part epoxy coating.

2. COMPOSITION / INFORMATION ON INGREDIENTS

Component	CAS No	Weight %
Mixed Ployamide Resin	Not Known	30-60%
Water	7732-18-5	30-60%

See Section 8, Exposure Controls / Personal Protection

3. HAZARDS IDENTIFICATION

Chronic effect Prolonged or repeated contact may result in skin sensitization.

Inhalation Inhalation of the vapours (generated at elevated temperatures) or mists can cause irritation to the nose and throat and upper respiratory tract.

Ingestion May be harmful if swallowed in large amounts. Ingestion may cause nausea, diarrhea, abdominal pain and vomiting.

Skin Irritating to skin. Frequent and prolonged contact can cause skin sensitization. Repeated or prolonged absorption to the skin may cause headaches and nausea.

Eye Substance is irritating to the eyes. Contamination of the eyes will result in transient pain, lachrymation and redness.

4. FIRST AID MEASURES

Eyes: Immediately flush with large amounts of water for 15 minutes holding eye lids open. Take care not to rinse water into the non-affected eye. Seek medical advice.

Skin: Take off all contaminated clothing. Wash contaminated area with soapy warm water. Get medical advice if irritation develops or persists. Wash contaminated clothing and clean shoes before reuse.

Inhalation: Remove to fresh air. If not breathing, give artificial respiration, preferable mouth to mouth. If breathing is laboured, give oxygen and consult a physician immediately.

Ingestion: Consult a physician immediately. Wash out mouth with water and then give plenty of water to drink. If vomiting occurs, aspiration into the lungs may cause lung damage. Never give anything by mouth to an unconscious person. Do not induce vomiting.

5. FIRE FIGHTING MEASURES

Flash Point	Not Applicable
Auto-ignition Temperature	No data available
Lower Explosive Limit	No data available
Upper Explosive Limit	No data available

Suitable Extinguishing Media:

Use as appropriate for surrounding fire.

Protective Equipment for Fire Fighting:

Wear self-contained breathing apparatus and protective clothing to prevent contact with skin and eyes.

Unusual Fire and Explosion Hazards:

The product is not flammable.

6. ACCIDENTAL RELEASE MEASURES

Eliminate all sources of ignition. Provide sufficient ventilation. Wear appropriate personal protective equipment including gloves and safety glasses. Floor may be slippery. Do not breathe vapour. Contain spill. Do not allow into drains or waterways. Take up with absorbent material (e.g. sand, vermiculite, or commercially available inorganic absorbent). Use non-sparking tools and equipment. Fill into suitable containers for disposal.

Dispose of empty containers in accordance with federal, state and local laws.

7. HANDLING AND STORAGE

Handling: Observe normal standards of industrial hygiene for handling chemicals. Eliminate all sources of ignition. Use in a well-ventilated area. Avoid breathing vapour and contact with skin and eyes. Wear gloves, long sleeved shirt, and eye protection. A sensitised person should not be exposed to the product.

Storage: Store in tightly sealed containers to protect from atmospheric moisture. Store in a cool, dry area and avoid freezing temperatures. Keep away from ignition sources such as fire, flame and sparks.

Empty container warning: Do not reuse empty drums or containers unless professionally cleaned. Do not cut, drill, grind or weld on or near empty containers.

Other Precautions: Do not eat, drink or smoke when using the product.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure Limit Information

None established for this product.

Respiratory Protection

If vapours and mists occur, a respiratory protection program meeting Australian Standards AS-1716 and AS-1715 requirements must be followed whenever workplace conditions warrant a respirator's use. None required if airborne concentrations are maintained below the exposure limit listed in "Exposure Limit Information"

Eye Protection

Use chemical splash goggles (Australian Standard AS-1337) or approved equivalent. Eye protection worn must be compatible with respiratory protection system employed. An eye wash station and safety shower should be available in the work area.

Hand Protection

Impermeable gloves as necessary to prevent skin contact. E.g. nitrile or neoprene gloves. AS 2161

Protective Clothing

The wearing of cotton overalls is recommended during the application period. AS2919.

Engineering Controls (Ventilation)

Use local exhaust ventilation sufficient to maintain exposure levels below exposure limit concentrations. Refer to Australian Standard AS-1668.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance and colour	Grey
State	Liquid
Odour Characteristic	No data available
pH	No data available
Viscosity	No data available
Specific Gravity (Water = 1)	1.4
Vapour Density (Air = 1)	No data available
Vapour Pressure	1
Melting Point	No data available
Boiling Point	100°C
Solubility in Water	Miscible.

10. STABILITY AND REACTIVITY

Considered stable under normal conditions of use and handling.

Hazardous decomposition products

No data available.

Materials to avoid

No data available

Conditions to avoid

No data available

11. TOXICOLOGICAL INFORMATION

Acute Data

Inhalation: May cause coughing, nausea. May cause irritation of the nose, throat and respiratory tract.

Ingestion: May cause irritation of the mouth, pharynx, oesophagus and stomach.

Skin irritation: May cause irritation resulting in redness, rash, blistering, swelling, change in skin pigmentation and itching.

Eyes irritation: May cause irritation if not washed out immediately. May cause cloudy appearance of the cornea, chemical burns, pain, impairment or loss of vision.

Chronic effects: Prolonged and repeated contact can result in skin sensitivity and allergic skin reactions (rashes, hive-like swelling, blisters) resulting in dermatitis. Inhalation may cause central nervous depression and asthma-like conditions upon prolonged inhalation. Respiratory sensitisation may also result from prolonged and repeated exposure.

Carcinogenicity: No data available.

Medical Conditions generally Aggravated by Exposure: Prolonged and repeated exposure may result in headaches, nausea or dermatitis.

12. ECOLOGICAL INFORMATION

No available data.

13. DISPOSAL CONSIDERATIONS

Do not reuse empty drums or containers unless professionally cleaned. Do not cut, drill, grind or weld on or near empty containers. Dispose of waste and empty containers in accordance with federal, state and local laws.

14. TRANSPORT INFORMATION

Classified as Non Dangerous Goods according to the Australian Code For The Transport Of Dangerous Goods By Road And Rail (Sixth Edition). See section 1.

15. REGULATORY INFORMATION

Labelling Requirements:

Classified as a Hazardous Substance in accordance with Criteria of National Occupational Health and Safety Commission - Australia

R38	Irritating to skin and eyes.
S41	Risk of serious damage to eyes..
S43	May cause sensitization by skin contact
S26	In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
S36/37/39	Wear suitable protective clothing, gloves and eye/face protection.

16. OTHER INFORMATION

¹ National Occupational Health and Safety Commission – Australia

² Australian Code For The Transport Of Dangerous Goods By Road And Rail (Sixth Edition).

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