

Material Safety Data Sheet

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Durepoxy WBE-Pack A-Hibuild

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

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: None Allocated

PRODUCT USE: Resin component for two part epoxy coating

2. COMPOSITION / INFORMATION ON INGREDIENTS

Component	CAS No	Weight %
Epoxy Resin	25068-38-6	30-60
Water	7732-18-5	30-60
Inert Pigments	30-60
Non hazardous Ingredients	1-10

See Section 8, Exposure Controls / Personal Protection

3. HAZARDS IDENTIFICATION

Chronic Effects

Inhalation

Prolonged or repeated contact may result in skin sensitization.
 Inhalation of the vapours (generated at elevated temperatures) or mists can cause irritation to the nose, throat and upper respiratory tract.

Ingestion

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

Skin Eye

Irritating to skin. Frequent and prolonged contact may cause skin sensitization.
 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 water for 15 minutes. Get medical advice if irritation develops or persists. Take care not to rinse water into the non-affected eye.
- 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. Never give anything by mouth to an unconscious person.
- Ingestion:** Consult a physician immediately. Do not induce vomiting. Give one or two glasses of water to drink. If vomiting occurs, aspiration into the lungs may cause lung damage. Never give anything by mouth to an unconscious person.

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. Do not breathe vapour. Contain spill. Do not allow into drains or waterways- inform local authorities if this occurs.. 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. Clean area with detergent or water. 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.

Storage: Store away from alkalis and oxidisers. Store in tightly sealed containers to protect from atmospheric moisture in a cool, dry area. Avoid freezing temperatures. Minimise contact with atmospheric air to prevent inoculation with micro organisms. 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

Component	NOHSC ¹			
	TWA		STEL	
	(ppm)	(mg/m ³)	(ppm)	(mg/m ³)
Epoxy Resin	-	a	-	-
Water	-	a	-	-
Inert Pigments	-	10b	-	-

a = not listed

b = as nuisance dust

c = per ACGIH

TWA = Time Weighted Average

STEL= Short Term Exposure Limit

¹ National Occupational Health and Safety Commission (Australia)

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.

Protective Clothing

Clothing made of the following material has excellent resistance: Tyvec, butyl nitrile rubber or neoprene.

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	White
State	Liquid
Odour Characteristic	No data available
pH	Not specified
Viscosity	No data available
Specific Gravity (Water = 1)	1.45
Vapour Density (Air = 1)	No data available
Vapour Pressure	1
Melting Point	Not Applicable
Boiling Point	Not Available
Solubility in Water	Dispersible.
Flash Point	No data available

10. STABILITY AND REACTIVITY

Considered stable under normal conditions of use and handling.

Hazardous decomposition products

Combustion products: oxides of carbon and noxious smoke

Materials to avoid

Oxidising agents (e.g. perchlorates, nitrates etc)

Conditions to avoid

Not applicable

11. TOXICOLOGICAL INFORMATION

Acute Data	Not established for this product.
Inhalation:	May cause coughing, nausea, tightness of the chest with difficulty breathing. May cause irritation of the nose, throat and respiratory tract.
Ingestion:	May cause irritation of the mouth, pharynx, oesophagus and stomach causing pain, abdominal tenderness, nausea, diarrhoea and vomiting.
Skin irritation:	May cause irritation resulting in redness, rash and itching.
Eyes irritation:	May cause chemical related eye burns.
Chronic effects:	Prolonged and repeated contact can result in skin sensitivity and allergic skin reactions (rashes, hive-like swelling, blisters) resulting in 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 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:
According to Criteria of National Occupational Health and Safety Commission - Australia

R36/38	Irritating to eyes and skin.
R43	May cause sensitization by skin contact
S26	In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. Contact a doctor or Poisons Information Centre
S28	After contact with the skin wash 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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