

Material Safety Data Sheet

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Duromix™ Hibuild WBE Pack B

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Classified as **Hazardous** according to criteria of ASCC¹ and not Dangerous Goods according to the ADG² Code

UN NO.....:	None allocated	D.G. Class.:	None allocated	Pack. Group...:	None allocated
HAZCHEM:	None allocated	SUB. RISK.:	None allocated	SUSDP.....:	5

PROPER SHIPPING NAME: None allocated
 PRODUCT USE: Surface coating.

2. COMPOSITION / INFORMATION ON INGREDIENTS

Component	CAS No	Weight %
Polyamine polymer	68410-23-1	10-20
Triethylenetetramine	112-24-3	3-5
Amino phenol	*	3-5
Other additives	*	<3
Water	Not required	60-80

* substances either not classified as hazardous or below relevant concentration cut-offs.

See Section 8, Exposure Controls / Personal Protection

3. HAZARDS IDENTIFICATION

Causes burns.
Risk of serious eye damage.
May cause sensitisation by skin contact.

4. FIRST AID MEASURES

Eyes: Immediately flush with water for 15 minutes. Get prompt medical attention
Skin: Immediately take off all contaminated clothing and wash contaminated area with soapy

warm water. Get medical attention if irritation develops or persists. Wash contaminated clothing before reuse.

Inhalation: Remove to fresh air. Apply resuscitation if victim is not breathing. Get medical attention.

Ingestion: If product is swallowed, do NOT induce vomiting; wash mouth with water and give some water to drink. Get urgent medical attention.

5. FIRE FIGHTING MEASURES

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

Suitable Extinguishing Media:

Foam, carbon dioxide or dry chemical. Water spray or fog for large fires only.

Protective Equipment for Fire Fighting:

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

Fire Fighting Procedures:

Use water spray to cool exposed containers. Stay up-wind and fight fire from a safe distance. Prevent spillage from entering drains or watercourses.

Decomposition Products:

Decomposes with fire to give off toxic and irritating fumes.

6. ACCIDENTAL RELEASE MEASURES

Small Spills: Caution: floor may be slippery. Wear suitable protective equipment and clothing to prevent eye and skin contact. Contain spill. Do not allow into drains or waterways. Take up with inert absorbent material (e.g. sand, dirt, or vermiculite). Fill into marked, sealable containers for disposal. Dispose of empty containers in accordance with federal, state and local laws.

Large Spills: Notify Emergency Services and advise nature of spill and material hazard. Isolate area.

7. HANDLING AND STORAGE

Handling – Do not use reactive metal containers or implements such as copper, brass, galvanised, zinc or tin plated. Avoid inhaling vapour and/or mists. Avoid contact with skin, eyes, and clothing. Wear suitable protective equipment and clothing to prevent eye and skin contact. See Section 8.

Storage – Do not store in reactive metal containers. Store away from incompatible materials. See Section 10.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure Limit Information

Component	ASCC ¹			
	TWA		STEL	
	(ppm)	(mg/m ³)	(ppm)	(mg/m ³)
Polyamine polymer	a	-	a	-
Triethylenetetramine	a	-	a	-
Amino phenol	a	-	a	-

a = not listed

TWA = Time Weighted Average

STEL= Short term Exposure Limit

¹ Australian Safety and Compensation Council

Respiratory Protection

In case of vapours or dust, a respiratory protection program meeting Australian and New Zealand Standards AS/NZS-1715 and AS/NZS -1716 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 and New Zealand Standards AS/NZS-1337) or approved equivalent. Eye protection worn must be compatible with respiratory protection system employed.

Hand Protection

Chemical resistant gloves and protective clothing as necessary to prevent skin contact.

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	Light grey, viscous
State	Liquid
Odour Characteristic	Amine
pH	Not specified
Viscosity	Not specified
Specific Gravity (Water = 1)	1-1.5
Vapour Density (Air = 1)	No data
Vapour Pressure	No data
Melting Point	~0°C water
Boiling Point	~100°C water
Solubility in Water	Soluble
Flash Point	No data

10. STABILITY AND REACTIVITY

Considered stable under normal conditions of use and handling.

Hazardous decomposition products:

Oxides of carbon and nitrogen. Decomposition by heat may give off toxic and irritating fumes.

Materials to avoid:

Oxidising agents and strong acids.

11. TOXICOLOGICAL INFORMATION

No toxicity data available for product.

Acute Toxicity

Eyes: Causes burns. Risk of serious eye damage. Severely irritating to eyes.

Skin: Causes burns. Severely irritating to skin. May cause sensitisation.

Ingestion: Corrosive. Expected to be harmful.

12. ECOLOGICAL INFORMATION

Toxic to aquatic organisms.

Keep out of waterways, drains and sewers.

13. DISPOSAL CONSIDERATIONS

Do not empty into drains or waterways.
Dispose of empty containers in accordance with federal, state and local laws.

14. TRANSPORT INFORMATION

Not classified as Dangerous Goods according the Australian Code For The Transport Of Dangerous Goods By Road And Rail (Seventh Edition). See Section 1.

15. REGULATORY INFORMATION

Workplace Labelling Requirements:

According to Criteria of the Australian Safety and Compensation Council.

Risk Phrases

- | | |
|-----|--|
| R34 | Causes burns. |
| R41 | Risk of serious eye damage. |
| R43 | May cause sensitisation by skin contact. |

Safety Phrases

- | | |
|--------|---|
| S24/25 | Avoid contact with skin and eyes. |
| S37/39 | Wear suitable gloves and eye/face protection. |
| S26 | In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. |
| S28 | After contact with skin, wash immediately with plenty of soap and water. |

16. OTHER INFORMATION

¹ Australian Safety and Compensation Council

² Australian Dangerous Goods Code – Seventh Edition

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