

Safety Data Sheet ISSUED MARCH 2024

NON - Hazardous Chemical, NON - Dangerous Goods

1. PRODUCT AND COMPANY IDENTIFICATION

Product Name	WPA Drainage Cell
Product Code(s)	350-500
Synonyms	None
Relevant identified uses of the substance or mixture and uses advised against	
Recommended Use	Subterrain Vertical Drainage
Supplier	Waterproofing Products Australia
Address	PO Box 33 Archerfield BC, Queensland 4108
Telephone	+61 (7) 3722 3822
Email	info@wpa-us.com.au
Emergency Contact	Australian Poisons Information Centre 13 11 26

2. HAZARDS IDENTIFICATION

Classification of the substance or mixture	NON-HAZARDOUS CHEMICAL. NON-DANGEROUS GOODS. According to the WHS Regulations and the ADG Code.
Poisons Schedule	Not Applicable.
Classification [1]	Not Applicable.
Single word	Not Applicable.
HAZARD STATEMENTS	
H318	Causes serious eye damage.
Supplementary statement(s)	Not Applicable.
PRECAUTIONARY STATEMENTS - PREVENTION	
P280	Wear protective clothing, gloves, and eye protection.
PRECAUTIONARY STATEMENTS - RESPONSE	
P308+P313	If exposed or concerned: Get medical advice.
PRECAUTIONARY STATEMENTS - STORAGE	
P405	Store locked up.
PRECAUTIONARY STATEMENTS - DISPOSAL	
P501	Dispose of contents/container to authorised hazardous or special waste collection point in accordance with any local regulation.

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Safety Data Sheet ISSUED MARCH 2024

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3. COMPOSITION INFORMATION

SUBSTANCES		
See section below for composition of mixtures.		
Chemical Name	CAS Number	Proportion %
High Density Polyethylene	9002-88-4	>97
Ingredients determined to be non-hazardous	-	To 100

4. FIRST AID MEASURES

If poisoning occurs, contact a doctor or Poisons Information Centre (Phone 131 126) rinsing.	
Inhalation	In case of irregular breathing or respiratory arrest use artificial respiration. Remove to fresh air and seek medical attention.
Ingestion	No specific measures required. Seek medical advice.
Skin Contact	No specific measures required. Seek medical advice.
Eye Contact	No specific measures required. Seek medical advice.

Indication of any immediate medical attention and special treatment needed.

- Treat symptomatically.

5. FIRE FIGHTING MEASURES

Extinguishing media	
<ul style="list-style-type: none">• Water, foam, dry chemical extinguisher may be used.• Use extinguishing media suitable for surrounding area	
Special hazards arising from the substrate or mixture.	
Fire Incompatibility	None known.
Advice for Firefighters	If the product combusts, water, carbon dioxide, carbon monoxide (in case of oxygen deficiency) and other organic compounds can be produced. At the beginning of combustion (especially between 400°C-700°C) it may also generate Hydrocarbons and aldehydes (acetic acid and crotonic acid). Alert the Fire Brigade and tell them the location and nature of the hazard.
Fire Fighting	Wear breathing apparatus plus protective gloves in the event of a fire. Prevent, by any means available, spillage from entering drains or water courses. Use firefighting procedures suitable for surrounding area. DO NOT approach containers suspected to be hot. Cool fire exposed containers with water spray from a protected location. If safe to do so, remove containers from path of fire.

Safety Data Sheet ISSUED MARCH 2024

NON - Hazardous Chemical, NON - Dangerous Goods

Fire/Explosion Hazard	Not considered a significant fire risk however will burn. Decomposition may produce toxic fumes of: <ul style="list-style-type: none">• hydrocarbons• aldehydes May emit poisonous fumes. May emit corrosive fumes.
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6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment, and emergency procedures	
See section 8.	
Environmental precautions	
See section 12.	
Methods and material for containment and cleaning up	
Minor Spills	Not Applicable. Place in a suitable, labelled container for waste disposal.
Major Spills	Alert Emergency Services and tell them the location and nature of the hazard. Control personal contact by wearing protective clothing. Prevent, by any means available, spillage from entering drains or water courses. Recover product wherever possible. If contamination of drains or waterways occurs, advise Emergency Services.

7. HANDLING AND STORAGE

Precautions for safe handling.	
Safe Handling	Wear protective clothing when risk of exposure occurs. Avoid contact with incompatible materials. Always wash hands with soap and water after handling. Use good occupational work practice. Observe manufacturer's storage and handling recommendations contained within this SDS.
Other Information	Store in a cool, dry area protected from environmental extremes. Store away from incompatible materials and foodstuff containers. Observe manufacturer's storage and handling recommendations contained within this SDS.
Conditions for safe storage, including any incompatibilities:	
Suitable Container	Packing as recommended by manufacturer.
Storage Incompatibility	Store away from flames.

Safety Data Sheet ISSUED MARCH 2024

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8. EXPOSURE CONTROLS / PERSONAL PROTECTION

CONTROL PARAMETERS.
Occupational Exposure Limits (OEL)

Ingredient Data						
Source	Ingredients	Material Name	TWA	STEL	Peak	Notes
Australian Exposure Standards	High Density Polyethylene	HPDE (respirable fraction)	3mg/m3	Not Available	Not Available	Not Available

EMERGENCY LIMITS				
Ingredients	Material Name	Teel-1	Teel-2	Teel-3
High Density Polyethylene	High Density Polyethylene	Not Available	Not Available	Not Available

Ingredients	Original IDLH	Revised IDLH
High Density Polyethylene	Not Available	Not Available

Respiratory Protection	Not Applicable
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9. PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties			
Appearance	Black sheet/roll.		
Physical state	Sheet and film	Vapour pressure (kPa)	Not Available
Odour	Essentially odourless	Vapour density (Air = 1)	Not Available
Odour threshold	Not Available	Density kg/m3.	956
pH (as supplied)	Not Available	Flash point (°C)	340
Melting Point / Freezing Point (°C)	100 to 140	Flammability	Not Available
pH as a solution (1%)	Not Available	Volatile Component (%vol)	Not Available
Solubility in water	Insoluble	VOC g/L	Not Available

10. STABILITY AND REACTIVITY

Reactivity	See section 7.
Chemical Stability	Unstable in the presence of incompatible materials. The product is considered stable.
Possibility of Hazardous reaction	See section 7.
Conditions to avoid	See section 7.
Incompatible materials	See section 7.
Hazardous decomposition products	See section 5.

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Safety Data Sheet ISSUED MARCH 2024

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11. TOXICOLOGICAL INFORMATION

Inhaled	The product when in sheet form presents no likely exposure. If heated, possible exposure can occur.
Ingestion	Ingestion of material is extremely unlikely. Low order of toxicity.
Skin Contact	This material can cause inflammation of the skin on contact in some people.
Eye	Generally, not applicable due to physical form. Not likely to cause any chemical irritation.
Chronic	Effects: Not anticipated under normal conditions of use.

WPA Drainage Cell	TOXICITY	IRRITATION
	Not Available	Not Available

High Density Polyethylene	TOXICITY	IRRITATION
	Not Available	Not Available

Legend:
 1. Value obtained from Europe ECHA Registered Substances - Acute toxicity
 2. * Value obtained from manufacturer's SDS. Unless otherwise specified data extracted from RTECS - Register of Toxic Effect of chemical Substances

Acute Toxicity	✗	Carcinogenicity	✗
Skin Irritation/Corrosion	✗	Reproductivity	✗
Serious Eye Damage/Irritation	✗	STOT - Single Exposure	✗
Respiratory or Skin Sensitisation	✗	STOT - Repeated Exposure	✗
Mutagenicity	✗	Aspiration Hazard	✗

Legend:
 - ✗ Data either not available or does not fill the criteria for classification
 - ✓ Data available to make classification

12. ECOLOGICAL INFORMATION

Toxicity					
High Density Polyethylene	Endpoint	Test Duration (hr)	Species	Value	Source
	Not Available	Not Available	Not Available	Not Available	Not Available

Legend:
 1. Value obtained from Europe ECHA Registered Substances - Acute toxicity
 2. * Value obtained from manufacturer's SDS. Unless otherwise specified data extracted from RTECS - Register of Toxic Effect of chemical Substances

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Persistence and degradability

Ingredient	Persistence: Water/Soil	Persistence: Air
	No Data available for all ingredients	No Data available for all ingredients

Bioaccumulative potential

Ingredient	Bioaccumulative
	No Data available for all ingredients

Mobility in soil

Ingredient	Mobility
	No Data available for all ingredients

13. DISPOSAL CONSIDERATIONS

Waste treatment methods

Product / Packaging disposal	
	Dispose of in accordance with appropriate government and local regulations.

14. TRANSPORT INFORMATION

Labels Required

Marine Pollutant	
	No
HAZCHEM	
	Not Applicable

The content of this section is considered non-mandatory by OSHA because it concerns matters handled by other agencies.

Land transport (ADG): NOT REGULATED FOR TRANSPORT OF DANGEROUS GOODS

Air transport (ICAO-IATA / DGR): NOT REGULATED FOR TRANSPORT OF DANGEROUS GOODS

Sea transport (IMDG-Code / GGVSee): NOT REGULATED FOR TRANSPORT OF DANGEROUS GOODS

Transport in bulk according to Annex II of MARPOL and the IBC code

15. REGULATORY INFORMATION

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16. OTHER INFORMATION

Material Safety Data Sheets are updated frequently. Please ensure that you have a current copy. MSDS may be obtained from the following website: www.wpa-aus.com.au.

If clarification or further information is needed to ensure that an appropriate risk assessment can be made, the user should contact Waterproofing Products Australia. This MSDS summarises at the date of issue our best knowledge of the health and safety hazard information of the product, and in particular how to safely handle and use the product in the workplace. Since Waterproofing Products Australia cannot anticipate or control the conditions under which the product may be used, each user must, prior to usage, review this MSDS in the context of how the user intends to handle and use the product in the workplace.

It is the user's obligation to evaluate and use this product safely, and to comply with all relevant Federal, State and Local Government laws and regulations. Waterproofing Products Australia shall not be responsible for loss, damage or injury resulting from reliance upon or failure to adhere to any recommendation or information contained herein, from abnormal use of the material, or any hazard inherent in the nature of the material.

DOCUMENT CONTROL	
Product	WPA Drainage Cell
Initial Issue	February 2019
Technical Amendment	March 2024
Author	SR

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