

MULTIPURPOSE POLYMEMBRANE



SAFETY DATA SHEET

1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

Product Name	: MULTIPURPOSE POLYMEMBRANE
Material	: Low Density Polyethylene / Linear Low Density Polyethylene
Product Use	: Concrete slab underlay – Damp proof membrane or vapour barrier Landscaping – Pond and dam lining Roofing – Roof protection sheets
	Wide range of other uses Description Polyethylene Sheet (PE) Manufactured using high quality resins or virgin low density Polyethylene resins. Polyethylene has a very low biodegradability Making it ideally suited for use as a damp proof membrane or vapour Barrier.

2. PHYSICAL DATA

Melting Point	: 107 - 130°C
Boiling Point	: None Allocated
Vapour Pressure	: Not Applicable
Flash Point	: Not Applicable
Flamm. Limit LEL	: None Allocated

3. OTHER PROPERTIES

Auto Ignition Temp	: 350°C approx.
Form	: Solid
Decomposition Temperature	: >250°C
Other information	: Density (Range): 0.910 - 0.970 g/cm ³ Water Solubility: Negligible

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4. INGREDIENTS

Name	CAS	Proportion
Polythene	9002-88-4	91-100%
Proprietary Additives		0-9%

5. HEALTH HAZARD INFORMATION

Acute – Swallowed	: No know effects/minimal toxicity. May cause choking if swallowed. Large amounts May cause nausea and vomiting.
Acute – Skin	: Skin contact may result in mechanical injury or abrasion. This is a low risk Hazard. Thermal burns may result from exposure to hot material.
Acute – Inhaled	: Inhalation of fines may cause irritation of nose and throat. Fumes given off during Process may cause respiratory irritation, headache and nausea.
Chronic	: None known.

6. FIRST AID

Swallowed	: Rinse mouth with water. Give plenty of water to drink. If vomiting occurs Give further water. See medical assistance.
Skin	: Wash contact area with soap and water. Molten material will adhere to Skin and cause burns. Cool material as quickly as possible with water and See a physician for prompt removal of the adhering material and treatment Of the burn. Do not remove material or clothing from skin. Removal may Result in further damage skin.
Inhaled	: Remove victim to fresh air. Remove contaminated clothing. See medical Advice if effects persist.
Advice to Doctor	: Treat symptomatically. Advice as per above information.

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7. PRECAUTIONS FOR USE

Other Exposure info	: No exposure standard has been published by the National Occupational Health and Safety Commission.
Personal protection	: Thermal resistant gloves should be worn when handling hot materials. Use Safety glasses. Under dusty conditions approved dust respirators to AS/NZ1715 and AS/NZ1716 should be worn to avoid exposure by inhalation.
Flammability	: Combustible solid. May form flammable dust clouds in air. Polymer may burn in presence of extreme heat and oxygen. Avoid Extreme heat.

8. SAFE HANDLING INFORMATION

Storage and Transport	: The Product listed in this MSDS are not classified as dangerous goods.
Spills & Disposal	: 1. Fold or sweep up waste and unwanted material and responsibly Dispose or recycle. 2. Disposal of recovered material should confirm to local regulations.
Fire / Explosion Hazard	: EXTINGUISHING MEDIA: Carbon Dioxide, Foam, Dry Chemical, Water Fog or Fine Water Spray; SPECIAL FIRE FIGHTING PROCEDURES: Firefighters must use self-contained breathing apparatus;
Hazardous Reaction	: STABILITY (Thermal, Light, etc.) Stable; INCOMPATIBILITY (Materials to Avoid) Strong Oxidising agents; HAZARDOUS DECOMPOSITION PRODUCTS: Carbon Monoxide, Aldehydes, Acetic Acid, Ketones, Acrolein, Ethane and Methane; HAZARDOUS POLYMERISATION: Will not occur.

9. OTHER INFORMATION

Environment Protection	: LDPE Film is considered environmentally inert.
Packaging & Labelling	: No Special Requirements
Manufacturers Advice	: Conveying lines and equipment in material handling systems should be Grounded to eliminate or reduce the build-up of static electricity. Avoid Sources of ignition in areas where fines may occur.