



Resitech Industries PTY LTD

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5A Priority Street, Wacol QLD 4076
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SPECIALISTS IN PLASTIC RECYCLING AND SHEET EXTRUDED PRODUCTS

MATERIAL SAFETY DATA SHEET HIGH DENSITY POLYETHYLENE 'ROOT GARD' BARRIER

Issue Date: 4th October 2012

STATEMENT OF HAZARDOUS NATURE

Not classified as hazardous according to criteria of Worksafe Australia

COMPANY DETAILS

Company: Resitech Industries Pty Ltd
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Telephone No: +61 7 3879 4409
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PRODUCT IDENTIFICATION

Product Name: 'Root Gard' barrier
Suppliers Code: RB
U.N.No: Not regulated
Hazchem Code: Not regulated
Correct Shipping Code: Not regulated
Dangerous Goods Class: Not applicable
Packaging Group: Not applicable
Poisons Schedule: Not regulated
RECOMMENDED USE: For prevention of unwanted intrusion of tree roots and moisture movement in house, kerb, and road foundations.

TYPICAL COMPOSITIONAL INFORMATION

CHEMICAL ENTITY

High Density Polyethylene
Carbon Black

PROPORTION

High content (97%)
Low content (2.5%)



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TYPICAL PHYSICAL DATA

Appearance:	Black sheet/roll
Odour:	Nil (when cold)
Melting Point °C	>200
Percent Volatiles (by wt):	0
Specific Gravity:	0.95
pH:	Not applicable
Solubility in Water:	Nil
Flash Point °C	>260
Flammability Limits:	Not applicable
Autoignition Temp °C	>300

HEALTH HAZARD INFORMATION

HEALTH EFFECTS:

Ingestion: Ingestion of material is extremely unlikely. Low order of toxicity.
Eye: Generally not applicable due to physical form. Not likely to cause any chemical irritation.
Skin: No significant hazard.
Inhalation: Exposure limits very unlikely to be exceeded under normal conditions of use.
Chronic Exposure Effects: Not anticipated under normal conditions of use.

FIRST AID:

Ingestion: Seek medical advice.
Eye: Seek medical advice.
Skin: Wash contact area with soap and water properly.
Inhalation: Remove person to clean air. Generally not applicable under normal conditions of use.



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PRECAUTIONS FOR USE

Exposure Limits:	None assigned
Ventilation:	Always provide adequate ventilation.
Personal Protection:	Generally not necessary. As part of good safety practices and industrial hygiene wear protective clothing and shoes, launder soiled clothing before reuse and wash hands thoroughly after handling. Cotton gloves (or other types) can be worn to prevent hands being soiled.
Flammability:	Flammable. At 260 deg Celsius.

STORAGE AND TRANSPORT

Class:	Not applicable
Packaging Group:	Not applicable

Reactivity Data:

Stability:	Stable
Materials to avoid:	Strong oxidizing agents.
Conditions to avoid:	Extreme heat.
Hazardous decomposition products:	Carbon monoxide, Aldehydes, Acetic acid.

SPILLS AND DISPOSAL

Spill: Transfer to appropriate container for disposal. Non-hazardous solid waste. Assure conformity with applicable disposal regulations. Dispose of material at an approved disposal site or facility.

FIRE/EXPLOSION HAZARD

Flammability: Flammable at 260 C degrees
Extinguishing media: Carbon dioxide, Foam, Dry chemical, Water Fog or fine water spray.
Minimize breathing gases, vapor, fumes or decomposition products. Use supplied air breathing equipment for enclosed areas.



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OTHER INFORMATION

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