



# THE RESITECH GROUP

Shed 20A/17 River Road REDBANK QLD 4301 PO BOX 3116 BIRKDALE QLD 4159

Phone: 07 3822 8233 Fax: 07 3207 5971 Email: info@theresitechgroup.com

Specialists in Plastics Recycling & Plastic Sheet Extrusion Products

## **MATERIAL SAFETY DATA SHEET** **HIGH DENSITY POLYETHYLENE ROOT BARRIER** **Issue Date: 1<sup>st</sup> January 2010**

### **STATEMENT OF HAZARDOUS NATURE**

Not classified as hazardous according to criteria of Worksafe Australia

### **COMPANY DETAILS**

Company: Resitech Industries Pty Ltd  
Address: Shed 20A/17 River Rd, REDBANK, QLD 4301  
Telephone No: +61 7 3822 8233  
Facsimile No: +61 7 3207 5971  
Emergency Tel No: +61 402428211

### **PRODUCT IDENTIFICATION**

Product Name: Root Barrier – "DRY-ROOT"  
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**

<b><u>CHEMICAL ENTITY</u></b>	<b><u>PROPORTION</u></b>
High Density Polyethylene	High content (97%)
Carbon Black	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.

## **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.



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## **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.

## **OTHER INFORMATION**

Contact Point: The OHS&E Officer or Resitech Industries  
Telephone Number: +61 7 3822 8233 (Business Hours)  
Tax Number: +61.7.3207.5971 (Business Hours)  
Email address: info@theresitechgroup.com

## **DISCLAIMER:**

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