

MATERIAL SAFETY DATA SHEET

In accordance with UK REACH (Registration, Evaluation, Authorisation and restriction of Chemicals)

Date prepared: **January 2016**

1 Identification of the substance/mixture and of the company/undertaking

Substance or preparation trade name	DENDRO-SCOTT Root Barrier (UK Trademark 'DENDRO-SCOTT': UK00003004701, Class 17)
Product description, purpose and distinguishing features	Root barrier membrane, used to protect structures and services from tree roots, Japanese Knotweed and other invasive plant species. Polyethylene-based product, blue on top side, grey on underside, in folded sheets or rolls, printed with 'DENDRO-SCOTT™ Root Barrier'.
Company/undertaking name	Peter Scott Tree Care (Southern) Limited
Company registration	Registered in England and Wales, number 03878026
Trading address	30 Ravensbury Avenue Morden Surrey SM4 6ET
Telephone during normal working hours	+44 (0)20 8254 5889
Emergency telephone	+44 (0)7966 213 010
Email address	sales@rootbarrier.com
Website	www.rootbarrier.com

2 Hazards identification

Hazards to consider	With normal use, in dry weather conditions, this product is not hazardous.
In case of fire	In case of fire, product may melt and drip very hot material and produce thick smoke; this may stick to skin and burn.
If wet	In wet weather or if product becomes wet for any reason, it may become slippery, so care must be taken if walking on product.
Edges potentially sharp	As with 'paper cuts', although the product is considerably thicker, the edges of the product could be sharp.
Environmental considerations	This product is designed to be installed underground. There are no harmful effects to the environment. The product is not biodegradable.

3 Composition/information on ingredients

General information	Polyethylene co-polymer. Non-toxic colour additives.
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4 First-aid measures

In case of fire	If heated/melted in contact with skin, seek urgent medical attention. To be treated as for burns. Do not attempt to peel molten product from the skin. If not in ventilated area, may require treatment for smoke inhalation.
Skin/eye contact	N/A in normal conditions. In the case of hot, melted product (i.e. caused by fire) do not attempt to remove product from the skin. Seek urgent medical attention.
Ingestion	N/A in normal conditions. If ingested, seek medical attention, if necessary.
Inhalation	N/A in normal conditions. In the event of fire, move outside into fresh air and seek medical attention, if necessary.



5 Fire-fighting measures

In case of fire	Class A Fire (Solids such as paper, wood, plastics, etc.) Use Foam or Dry Powder or Carbon Dioxide extinguisher. Water mist spray may be used. Fire will produce thick smoke and product may also melt and drip molten material.
Special protection equipment for fire-fighters	Full protective clothing and (particularly if indoors) self-contained breathing apparatus to be used.

6 Accidental release measures

General information	Not applicable to this product.
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7 Handling and storage

Handling	Use Manual Handling techniques when lifting rolls/sheets. Can become slippery, if wet.
Storage	To keep the root barrier in optimum condition for purpose, store away from UV light (direct sunlight) keep dry and clean. Keep away from heat. Storage temperature: -10°C to +40°C
Specific uses	Root barrier, to be installed underground, to protect structures and services against tree roots, Japanese Knotweed and other invasive plant species.

8 Exposure controls/personal protection

Exposure controls	Not applicable to this product.
Personal protection	Wear usual personal protective clothing and equipment (PPE), as indicated for constructions works (clothes, gloves, closed slip-resistant shoes/boots, safety goggles).

9 Physical and chemical properties

Appearance	Plastic sheeting, on rolls or as folded sheets (various sizes). Blue on the top side, grey on the underside.
Odour	None.
Water solubility	Insoluble.
Melting point	Approximately 140°C.
Ignition point	Approximately 340°C.

10 Stability and reactivity

Conditions to avoid	Under normal handling and storage conditions, the product is stable and safe. Do not expose to temperatures over 40°C.
Materials/Chemicals to avoid	Fuels, solvents, strong oxidising agents. (If using butyl jointing tape, avoid bitumen-based products.)
Hazardous decompositions products	Carbon monoxide, carbon dioxide, smoke.

11 Toxicological information

General information	No toxicological hazards known.
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12 Ecological information

General information	Non-toxic. Not biodegradable. May degrade if exposed to UV light for prolonged periods.
Adverse effects	Not harmful nor dangerous material.



13 Disposal considerations

General information	Polyethylene can be reused and/or recycled. WAC analysis confirms that the product is free from substances of concern and is suitable for landfill (in accordance with BS EN 12457-3 : 2002)
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14 Transport information

General information	This product is not harmful nor dangerous and does not require any particular consideration when in transit, other than the need to avoid puncturing the product, which would invalidate its use as a root barrier.
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15 Regulatory information

General information	To the best of our knowledge there are no regulations that require any classification or labelling for this product. This product type is not included in Harmonised Standards (European Standards Organisation). CE marking is not required.
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16 Other information

<p>This Material Safety Data Sheet has been prepared in accordance with UK REACH (Registration, Evaluation, Authorisation and restriction of Chemicals) guidelines (EC No. 1907/2006).</p> <p>This data sheet must be made available to any person who may use or come into contact with this product.</p> <p>This data sheet has been prepared from information currently available.</p> <p>This product must only be used for its intended purpose, in normal environmental conditions.</p>

Please also refer to our technical data sheet.