

Material Safety Data

SDS NUMBER: 01

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Product Name: Terram Nonwoven Polypropylene Geotextiles

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

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|----------------------------|---|
| Identification of Product: | Terram Geotextiles |
| Chemical Family: | Polyolefin |
| Product Description: | Nonwoven Fabric |
| Supplier Address: | Fiberweb Geosynthetics Limited Blackwater Trading Estate The Causeway Maldon Essex CM9 4GG |
| Supplier Telephone: | +44 (0)1621 874200 |
| Supplier Fax: | +44 (0)1621 874299 |

2. COMPOSITION

Chemical Nature: Polypropylene homopolymer, with process stabilisers, pigments and UV stabiliser, and treated with a spin finish lubricant.
CAS Number: 9003-07-0
>>Further information: Semi Processed polymer

3. HAZARD IDENTIFICATION

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| Adverse human health effects: | No specific risk when handled in accordance with good occupational hygiene and safety practice. |
| - further data | Material can form flammable mixtures or can burn only on heating to temperatures at or above the flash point. Risk of thermal burns on contact with molten product. Toxic gasses will form upon combustion (see section 10) |
| Classification/Specific hazards: | According to EEC criteria, this product is not classified as a <<hazardous substance>> |

4. FIRST AID MEASURES

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| Inhalation: | In case of adverse exposure to vapours and/or aerosols formed at elevated temperatures, immediately remove affected person from exposure. Administer artificial respiration if breathing has stopped. Keep at rest. Obtain prompt medical attention. |
| Skin contact: | For hot product; immediately immerse in or flush the affected area with large amounts of cold water. Cover with clean dressing and seek prompt medical attention. Do not attempt to remove material from skin or to remove contaminated clothing as the damaged flesh can easily be torn. In the case of sensitive skin being degreased by repeated handling, through washing and use of barrier cream in future is recommended. Where soreness persists, seek medical advice. |
| Eye contact: | Not specifically applicable |
| Ingestion: | Not specifically applicable |

5. FIRE FIGHTING MEASURES

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| Extinguishing Media: | All extinguishing agents can be used (water, foam, |
| Specific hazards: | Combustible product; melts on heating. Risk of fire spreading due to the flow of liquid which is already alight. During combustion; harmful or toxic vapours are released. |
| Specific fire fighting measures: | Cool the molten polymer. |
| Protection of fire fighters: | Self contained breathing apparatus and suitable protective |

6. ACCIDENTAL RELEASE MEASURES

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| Personal precautions: | Not specifically applicable. | |
| Environmental precautions: | This product does not present any particular risk to the environment | |
| Methods for cleaning up: | Recovery: | Not specifically applicable |
| | Cleaning/decomposition: | Not specifically applicable |
| | Disposal: | Consult an expert on disposal of recovered material. Ensure conformity to local disposal regulations |

7. HANDLING AND STORAGE

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| Handling: | Handle in accordance with good occupational health practice. Use lifting equipment appropriate to the weight |
| Storage: | Store: <ul style="list-style-type: none">- away from any flames- away from direct sunlight- product should be stored in its original packaging where possible- in accordance with good health and safety practice |

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

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| Personal protection: | Where there is repeated handling, the use of gloves/barrier cream is recommended. |
| Special health precautions: | No exposure limits apply to this product |

9. PHYSICAL AND CHEMICAL PROPERTIES

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|------------------------------|----------------------|-------------------------------------|--------------------------------------|
| Physical State: | Solid | Flammability Characteristics | |
| Form: | Nonwoven Fabric | Flash Point: | >300C |
| Colour: | Various | Auto Ignition Temperature | >300C |
| Odour: | Negligible | Oxidising Characteristics: | |
| pH: | Not applicable | Solubility: | |
| Specific Gravity: | 0.9g/cm ³ | - In Water: | Insoluble |
| Specific Temperatures | | - In Solvents: | Insoluble in common organic solvents |
| Melting range: | 160-165C | | |
| Decomposing Temperature | >350C | | |

10. STABILITY AND REACTIVITY

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| Stability: | Stable under normal conditions of use. There are no dangerous reactions known under normal con- |
| Hazardous decomposition: | On combustion or on thermal decomposition (pyrolysis) releases toxic gases. (Carbon monoxide, carbon dioxide, low molecular weight alcohols/alehydres and acids) |

11. TOXICOLOGY INFORMATION

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| Inhalation: | No hazard in normal industrial use. Vapours or aerosols which may be formed at elevated temperatures may be irritating to eyes and respiratory tract |
| Skin contact: | No hazard in normal industrial use. Exposure to hot materials will cause thermal burns. Sensitive skins may be degreased by repeated handling. |
| Eye contact: | No hazard in normal industrial use. |
| Ingestion: | No hazard in normal industrial use. |
| Long term exposure: | Chronic effects unlikely. |

12. ECOLOGICAL INFORMATION

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| Behavior in the environment: | |
| Persistence/Durability: | Will oxidise extremely slowly. Product will generally persist in the soil. |
| Destination of the product: | Ultimate destination - soil |

13. DISPOSAL CONSIDERATIONS

Destruction/Disposal (The following advice only to the product as supplied. Combination with another materials may well indicate another route of disposal.)

Recycle waste product as much as possible.

Non recycled product:

- Disposal of in accordance with relevant local regulations.
- May be disposed of with non hazardous industrial waste.
- Incinerate at a licensed installation.
- Like many other lubricants and adhesives, textile oils generally dissolve in aqueous media.

NOTE: The user's attention is drawn to the possible existence of local regulations regarding disposal.

14. TRANSPORT INFORMATION

Land: (Railways/Roads) Not restricted

Inland waterways; Not restricted

Sea: Not restricted

Air: Not restricted

Risk label Not applicable

Risk phrases Not applicable

Safety phrases Not applicable

15. REGULATORY INFORMATION

Classification and labeling according to EEC directives:

Classification symbol: CE Marking

Governing directive: According to the EEC Directives, the product is regulated under the requirements of the construction

16. OTHER INFORMATION

Handling and storage precautions.

Panel weights are normally in the range of 21 - 55kg and are palletised to make a cube of approx 1.1m.

The pallets should only be handled using appropriate lifting equipment

Care should be taken with the various wrappings due to the slipperiness of their surface.

This is especially true for loose wrapping. Practice good housekeeping.

It is recommended that under normal circumstances pallets be stored:

- A maximum of two pallets high, or
- In suitable storage racks

If stored outside, care should be taken to maintain the black stretch wrap in good condition otherwise the panels be subject to UV degradation
