Geotextile Underlay

Safety Data Sheet

According to Regulation (EC) No. 1907/2006 (REACH), Annex II, as amended by Commission Regulation (EU) 2015/830 – Europe

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SECTION 1: Identification of the Substance/Mixture and of the Company/Undertaking

1.1. Product Identifier

Product Name: Geotextile Underlay
Use: Lead roofing underlay.
Supplier: Premium Roofing Products, Unit B, Bingley Road, Hoddesdon, Hertfordshire, EN11 0NX
TEL: 01992 444100
Email: enquiries@leadsales.co.uk

1.2. Composition/Information on Ingredients

The product is made by converting a blend of polyester fibres to a Needle punched felt by mechanical entanglement.

Substance	EC No.	CAS No.	C (%)	Symbol Letters	R Phrase No.
Polyester Terephthalate staple fibre	N/A	25038-59-9	Up to 100%	N/A	N/A
Fibre finish	N/A	N/A	≤0.5%	N/A	N/A

SECTION 2: Hazards Identification

2.1. Main Hazards

Physicochemical Hazards: Non-hazardous.
Human Health Hazards: Non-hazardous.
Environmental Hazards: Non-hazardous.

2.2. Other Hazards

The material is unlikely to cause significant hazard under normal conditions of use.

SECTION 3: First Aid Measures

3.1. Description of First Aid Measures

First Aid Measures After Inhalation: If processing vapour occurs and irritation develops, remove person to fresh air. If discomfort persists, seek medical attention.
First Aid Measures After Skin Contact: If irritation develops, wash affected area with soap and water. If discomfort continues, seek medical attention.
First Aid Measures After Eye Contact: If irritation develops, flush eyes with running water for 15 minutes. If discomfort continues, seek medical attention.
First Aid Measures After Ingestion: Wash out mouth with water to remove any fibre. If a large amount has been swallowed induce vomiting and seek medical attention.

3.1.1. Protection of First Aiders

No data available.

3.2. Most Important Symptoms and Effects, Both Acute and Delayed

Symptoms/Effects After Inhalation: No data available.

Symptoms/Effects After Skin Contact: No data available.
Symptoms/Effects After Eye Contact: No data available.
Symptoms/Effects After Ingestion: No data available.

3.3. Indication of Any Immediate Medical Attention and Special Treatment Needed

Antidote: No data available.
Special Treatment: No data available.

SECTION 4: Firefighting Measures

4.1. Extinguishing Media

Suitable Extinguishing Media: As appropriate for surrounding materials and equipment. Any type of fire extinguisher can be used (water, CO2, halon, dry powder, etc.).
Unsuitable Extinguishing Media: No data available.

4.2. Hazards Arising from the Substance or Mixture

Hazards from the Substance or Mixture: Very low fire hazard.
Hazardous Thermal Decomposition Products: During burning polyester will produce high levels of heat and may generate dense smoke. At complete combustion the major products formed are carbon dioxide and water. Decomposition products will also be present at much smaller concentrations.

4.3. Advice for Firefighters

Special Protective Actions for Firefighters: Observe general fire precautions, i.e. do not inhale combustion gases.
Special Protective Equipment for Firefighters: Wear self-contained breathing apparatus.
Additional Information: The use of a solid water jet to tackle any fire is not recommended in the early stages of the fire as this might help to spread the flames.

SECTION 5: Accidental Release Measures

5.1. Personal Precautions, Protective Equipment and Emergency Procedures

For Non-Emergency Personnel: No special precautions required.
For Emergency Responders: No special precautions required.

5.2. Environmental Precautions

Follow recommended disposal procedures.

5.3. Methods and Materials for Containment and Cleaning Up

For Containment: No data available.
Methods for Cleaning Up: Sweep or suck up product spilled or released in accordance with good housekeeping practices. Spillages of the material on the floor should be swept up immediately as the product can be slippery by nature.
Other Information: Not applicable.

SECTION 6: Handling and Storage

6.1. Precautions for Safe Handling

Protective Measures: No special measures.
Hygiene Measures: Operations that cause the generation of fibre dust should be controlled such that the appropriate exposure standards for nuisance dusts are not exceeded. Where operating procedures specify it or where there is insufficient ventilation suitable respiratory equipment should be used.

6.2. Conditions for Safe Storage, Including any Incompatibilities

Store in a cool, dry, dark area.

6.3. Specific End Use(s)

No data available.

SECTION 7: Exposure Controls/Personal Protection

7.1. Control Parameters

Occupational Exposure Limits: No data available.
Recommended Monitoring Procedures: No data available.
Air Contaminants Formed: No data available.
Control Banding: No data available.
DNEL & PNEC: No data available.

7.2. Exposure Controls

Appropriate Engineering Controls: No data available.
Thermal Hazards: No data available.
Environmental Exposure Controls: No data available.

7.2.1. Individual Protection Measures

Personal Protective Equipment Symbol(s): No data available.
Hygiene Measures: No data available.
Hand Protection: As in all areas where prolonged handling or melting of the material is carried out gloves should be worn to prevent thermal or mechanical injury.
Body Protection: Appropriate protective clothing should be worn, depending on the nature of the product processing.
Other Skin Protection: Not applicable.
Eye/Face Protection: When handling the product in cold processing suitable eye protection should be worn.
Respiratory Protection: Provide adequate general and local exhaust ventilation. Wear a dust mask if work conditions require.

SECTION 8: Physical and Chemical Properties

Physical State: Fibrous.
Colour: White (ecru)

Odour: None.
Odour Threshold: No data available.
pH: Not applicable.
Melting Point: approx. 260°C
Freezing Point: No data available.
Boiling Point: Not applicable.
Flash Point: Not applicable.
Evaporation Rate: No data available.
Flammability: No data available.
Vapour Pressure: No data available.
Vapour Density: No data available.
Relative Density: 1.32 - 1.38 g/cc
Solubility: Insoluble in water. Soluble in certain aromatic hydrocarbons e.g. metacresol.
Particion Coefficient n-octanol/water: No data available.
Auto-Ignition Temperature: Not applicable.
Decomposition Temperature: >260°C
Viscosity (kinematic): No data available.
Viscosity (dynamic): No data available.
Explosive Properties: No data available.
Oxidising Properties: No data available.
Explosive Limits: No data available.
Other Information: No data available.

SECTION 9: Stability and Reactivity

Reactivity: Does not self-react when stored under normal conditions.
Chemical Stability: This product is stable at room temperature.
Possibility of Hazardous Reactions: No data available.
Conditions to Avoid: Avoid heat, hot surfaces, and sources of ignition.
Incompatible Materials: None.
Hazardous Decomposition Products: Does not decompose when stored under normal conditions. Only at extreme temperature above the decomposition temperature will degradation occur.

SECTION 10: Toxicological Information

10.1. Information on Toxicological Effects

Acute Toxicity: No data available.
Skin Irritation/Corrosion: No data available.
Serious Eye Damage/Irritation: No data available.
Respiratory or Skin Sensitisation: No data available.
Germ Cell Mutagenicity: No data available.
Carcinogenicity: No data available.
Reproductive Toxicity: No data available.
Teratogenicity: No data available.
Specific Target Organ Toxicity (single exposure): No data available.
Specific Target Organ Toxicity (repeated exposure): No data available.
Aspiration Hazard: No data available.

10.2. Information on the Likely Routes of Exposure

No data available.

10.3. Potential Acute Health Effects

Eye Contact: Non-irritant.
Inhalation: No data available.
Skin Contact: Non-irritant.
Ingestion: No data available.

10.4. Symptoms Related to the Physical, Chemical and Toxicological Characteristics

Eye Contact: Non-irritant.
Inhalation: No data available.
Skin Contact: Non-irritant.
Ingestion: No data available.

10.5. Potential Delayed, Immediate and Chronic Effects from Short- and Long-Term Exposure

10.5.1. Short Term Exposure

Immediate Effects: No data available.
Delayed Effects: No data available.

10.5.2. Long Term Exposure

Immediate Effects: No data available.
Delayed Effects: No data available.

10.5.3. Potential Chronic Health Effects

No data available.

10.6. Conclusion/Summary

No data available.

SECTION 11: Ecological Information

Toxicity: No data available.
Persistence and Degradability: No data available.
Bio accumulative Potential: No data available.
Mobility in Soil: No data available.
Results of PBT and vPvB Assessment: No data available.
Other Adverse Effects: Polyester fibres are generally considered biologically inert with a very low UV degradability. Polyester is insoluble in water and evolves no gases or leakages known to pollute water resources. There is currently no information that this material poses a risk to the environment.

SECTION 12: Disposal Considerations

12.1. Waste Treatment Methods

12.1.1. Product

Methods of Disposal: Typically, waste product can be disposed of by incineration in an authorised plant, approved landfilling, recycling for non-food applications. In all cases local and national regulations on waste disposal should be followed.
Hazardous Waste: No data available.

12.1.2. Packaging

Methods of Disposal: In all cases local and national regulations on waste disposal should be followed.
Special Precautions: No data available.

SECTION 13: Transport Information

13.1. Transport Information

No Special arrangements are required for the safe transport of this material and is not classified regarding the transportation of dangerous goods.

13.2. Special Precautions for User

Overland Transport: No data available.
Transport by Sea: No data available.
Air Transport: No data available.
Inland Waterway Transport: No data available.
Rail Transport: No data available.

13.3. Transport in Bulk according to Annex II of MARPOL and the IBC Code

No data available.

SECTION 14: Regulatory Information

14.1. Safety, Health and Environmental Regulations/Legislation Specific for the Substance or Mixture

14.1.1. Regulations

This product is not classified as a dangerous substance in accordance with the European Directive 1999/45/EC and therefore does not require a hazard warning label.

14.1.2. Container Information

No data available.

14.1.3. Provisions

No data available.

14.2. Chemical Safety Assessment

No data available.

SECTION 15: Other Information

This information is based on the current knowledge of the supplier and is not intended to guarantee specific properties for the fibre or its suitability in particular applications. In all cases it is the responsibility of the user to determine the applicability of this information for their own intended use.