



Material Safety Data Sheet

POLYESTER STAPLE FIBRE ACCORDING TO EUROPEAN REGULATION No. 1907/2006

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND COMPANY

1.1 Hobbybest fiberfill

1.2 Product Uses

Loosefill, nonwoven and woven applications for home furnishing, technical textile and automotive end-uses.

2. HAZARDS IDENTIFICATION

Emergency overview: Solid off-white or delustered fibre. There are no hazards associated with the product for which first aid is required.

Potential Health Hazards

Skin: May cause mechanical irritation.

Eyes: May cause mechanical irritation.

Inhalation: Not respirable in this form. Thermal processing of fiber may generate fumes and vapours which may cause irritation to the nose and throat. Dust should be considered as a nuisance dust (see Section 8).

Ingestion: Not a probable route of exposure.

Delayed effects: None known.

3. COMPOSITION/INFORMATION ON INGREDIENTS

3.1 Chemical Characterisation:

Polyethylene Terephthalate CAS No.: 25038-59-9

Fibre Finish: A blend on non-ionic and ionic surfactants and anti-static agents

Exposure limits Not applicable



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4. FIRST AID

No special hazards known. This material is unlikely to present a significant health hazard under normal conditions of use.

Eye: If irritation develops, flush eyes with running water for 15 minutes. If discomfort continues, seek medical attention.

Skin: If irritation develops, wash affected area with soap and water. If discomfort continues, seek medical attention..

Ingestion: Wash out mouth with water to remove any fibre. If a large amount has been swallowed induce vomiting and seek medical attention.

Inhalation: If processing vapour occurs and irritation develops, remove person to fresh air. If discomfort persists, seek medical attention.

5. FIRE FIGHTING MEASURES

Very low fire hazard.

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.

Extinguishing Media

As appropriate for surrounding materials and equipment. Any type of fire extinguisher can be used (water, CO₂, halon, dry powder, etc.).

Exposure Hazards

Observe general fire precautions; i.e. do not inhale combustion gases.

Special Protective Equipment for Fire-fighters

Use self-contained breathing apparatus when fire occurs in a confined area. 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.

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions

No special precautions required. Sweep or suck up fibre spilled or released in accordance with good housekeeping practices. Spillages of the material on the floor should be swept up immediately as the fibres are slippery by nature.

Dispose of the fibre in accordance with Section 13.

7. HANDLING AND STORAGE

No special measures are needed to protect against fire or explosion. For optimum quality of the product during storage keep in a cool, dry, dark area.

Dust: 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.



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8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Appropriate protective clothing should be worn, depending on the nature of the fibre processing.

When handling the product in cold processing suitable eye protection should be worn.

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.

9. PHYSICAL AND CHEMICAL PROPERTIES

Form	fibrous
Colour	white
Odour	none
pH	not applicable
Melting Point	approx. 260oC
Boiling Point	not applicable
Flash Point	-
Auto ignition temperature	-
Solubility (in water)	insoluble
Solubility (in other)	certain aromatic hydrocarbons e.g. metacresol
Decomposition temperature	>260 °C
Density	1.32 - 1.38 g/cc
Bulk Density	not applicable (depends on final form)
Explosion hazard	no data

10. STABILITY AND REACTIVITY

Stability

This product is stable at room temperature and does not decompose or self react when stored under these conditions. Only at extreme temperature above the decomposition temperature will degradation occur.

Incompatible materials

None

11. TOXICOLOGICAL INFORMATION

Irritating effects on skin

Non irritant

Irritating effects in eyes

Non irritant

12. ECOLOGICAL INFORMATION

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.



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13. DISPOSAL CONSIDERATIONS

Typically waste fibre 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.

14. TRANSPORT INFORMATION

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

15. REGULATORY INFORMATION

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.

16. OTHER INFORMATION

This Data Sheet was prepared in accordance with the European Regulation No. 1907/2006.