

## 1 - Identification of material and company

<b>Product</b>	Exlfilm – multilayer bioriented shrink film
<b>Identified uses</b>	Packaging
<b>Company</b>	Fibope Portuguesa, Filmes Biorientados S.A. Estrada da Praia, 1087 4740-696 Barqueiros BCL Portugal
<b>Phone number</b>	+351 253 859 270

## 2 – Hazards identification

<b>Classification of the product</b>	This product is considered not hazardous in accordance to EU Directives 67/548/CEE or 1999/45/CE.
<b>Label elements</b>	No special packaging or labelling requirements in accordance to EEC Directive.

## 3 - Composition Information

<b>Chemical characterization</b>	This product is composed of polyolefin.
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## 4 - First Aid Procedures

<b>Inhalation</b>	Move to fresh air in case of inhalation of overheating fumes or combustion. Get medical attention after excessive exposure.
<b>Skin contact</b>	If burned by contact with molten polymer, cool as quickly as possible. Do not peel material from skin. Get medical attention for a thermal burn.
<b>Eyes contact</b>	Any material that contacts the eye should be washed out immediately with water. Get medical attention if symptoms persist.

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**Ingestion**

Specific measures are not necessary in case of ingestion  
Get medical attention.

**5 – Measures in Case of Fire**

**Extinguisher media**

Water. Carbon Dioxide. Dry Chemical.

**Hazards during fire fighting**

During fire, the smoke may contain products of varying composition which may be toxic and/or irritating.

**Special protective equipment**

Wear self-contained Breathing Apparatus and Protective Clothing

**6 – Accidental Release Measures**

**Individual precautions**

N/A

**Environmental precautions**

N/A

**Methods and materials for containment and cleaning up**

N/A

**7 - Handling and Storage**

**Handling**

No smoking, open flames or sources of ignition. Solid polymer burn with difficulty. Attempt the necessary actions to avoid the electro static discharges (which can provoke auto-ignition).

**Storage**

Storage in accordance with good manufacturing practices.

**Specific uses**

Technical information, by request.

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## 8 - Individual Protection

### Individual protection equipment

<b>Respiratory protection</b>	In dust and/or inhalation, use a self contained breathing apparatus
<b>Eye protection</b>	N/A
<b>Hand protection</b>	N/A
<b>Hygiene Work Practices</b>	Wash hands before stops and at the end of days work. General precautions appropriated for all plastics. Not inhale fumes from hot resin.

## 9 - Physical and Chemical Properties

<b>Forms</b>	Film
<b>Colour</b>	Transparent
<b>Odour</b>	Odourless
<b>pH</b>	Non applicable
<b>Fusion point</b>	Data not available - Softness near 160 °C
<b>Decomposition temperature</b>	> 350 °C
<b>Density</b>	± 0,9 g/ cm <sup>3</sup>
<b>Water solubility</b>	Insoluble

## 10 - Stability and reactivity

<b>Reactivity</b>	None known
<b>Stability</b>	Stable under normal usage conditions
<b>Possibility of hazardous reactions</b>	None known
<b>Conditions to avoid</b>	Temperatures above 350 °C
<b>Materials to avoid</b>	None known
<b>Hazardous decomposition products</b>	Melted product can to produce smoke and other decomposition products of varying composition, which may be toxic and/or irritating.

## 11 - Toxicological Information

<b>Acute toxicity</b>	No adverse effects are normally expected.
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<b>Chronic toxicity</b>	No adverse effects are normally expected.
<b>Toxic kinetics, metabolism and distribution</b>	No specific information is available.

## 12 - Ecological Information

<b>Eco toxicity effects</b>	No adverse effects on aquatic organisms are predicted. Product floats on water.
<b>Persistence and degradability</b>	Is a recyclable product but is not biodegradable.
<b>Bioaccumulation</b>	No bioaccumulation potential.
<b>Mobility on soil</b>	In the terrestrial environment, material is expected to remain in the soil.

## 13 - Disposal Considerations

<b>Remaining disposable/unused product</b>	Like the majority of thermoplastics, the product can be recycled. Can be disposable by discharge or incinerated, if is allowed by local regulation.
<b>Contaminate packages</b>	Carton boxes (if applicable) and carton cores could be sent to recycling companies.

## 14 – Transportation Information

<b>Road/ Rail transport</b>	Not subject to ADR/RID
<b>Sea transport</b>	Not subject to IMDG code
<b>Air transport</b>	Not subject to IATA regulations

## 15 – Regulatory information

Rules for labelling and classification:

Fibope products are not classified as dangerous according to EC criteria.

Labelling: Not Applicable

Symbols: N/A

Hazard phrase: N/A

Safety phrase: N/A

Classification: Not Applicable

Class: N/A

Hazard phrase: N/A

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## 16 – Others Information's

**DANGER INFORMATION:** The melted product sticks to the skin causing burns, possible formation of electrostatic charge during use.

**MAIN ALTERATIONS:** information on regulation and other information were given.

This product data sheet was prepared in compliance with article 31 and Annex II of the EU REACH Regulations as well as its relevant amendments, on the approximation of laws, regulations and administrative provisions relative to the classification, packaging and labelling of dangerous substances and preparations.

The data in this safety sheet was established on our knowledge based at the date of this publication.

This data is guidance, allowing handling operations, production, storage, and transportation, distribution to provide, utilization and elimination, in safe conditions and should not be understood as warranty or considered as quality specifications.

Fibope does not take on any responsibility of the incorrect use, handling or processing of the film by the user.

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