

Folienwerk Wolfen GmbH



Folienwerk Wolfen GmbH · Guardianstraße 4
06766 Wolfen-Thalheim

Material Safety Data Sheet

Revision date: 14/12/2011

PET films

1. Product and Company Identification

Identification of the substance or preparation

Product name:	PET films
Chemical name:	Polyethylene terephthalate copolymer (PET)
Product use:	Plastic film
Product type:	Solid
CAS number:	Not applicable

Company identification

Supplier	Folienwerk Wolfen GmbH Guardianstr. 4 D - 06766 Bitterfeld-Wolfen Germany
E-mail:	info@folienwerk-wolfen.de
Emergency telephone:	+49-(0)3494-6979-0 (between 8h and 16h)

2. Composition / Information on Ingredients

Chemical Characterization:

Substance identification	Polyethylene terephthalate copolymers (various)
CAS-No.	not applicable
Danger symbol	none
Risk phrases	none

Identification: Stiff polyester film as sheets or rolls.



There are no ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified as hazardous to health or the environment and hence require reporting in this section.

3. Hazards Identification

Low hazard for usual industrial or commercial handling by trained personnel. The product is not classified as dangerous according to Directive 67/548/EEC and its amendments.

Classification: Not classified

4. First Aid Measures

Inhalation of small pieces:	Obtain medical attention if symptoms occur.
Ingestion:	Seek medical advice.
Skin contact:	Heated material can cause thermal burns. Cool burned skin with plenty of water. Do not pull solidified product from skin. Seek medical treatment for burns.
Eyes:	Heated material can cause thermal burns. Immediately flush eyes with plenty of water. Get medical attention.
Protection of first-aiders:	No action shall be taken involving any personal risk or without suitable training.
Notes to physician:	No specific treatment. Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.

5. Fire-Fighting Measures

Extinguishing media

Suitable:	In case of fire, use water spray (fog), foam, dry chemical or CO ₂ .
Not suitable:	None known.
Special exposure hazards:	No specific fire or explosion hazard.
Hazardous thermal decomposition products:	Emits acrid smoke and irritating fumes when heated to decomposition. Decomposition products may include the following materials: carbon oxides, organic chemicals.

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Special protective
equipment for fire-fighters:

Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.

6. Accidental Release Measures

Personal precautions:

No further measures

Environmental precautions:

No further measures

Methods for cleaning up:

Collect by hand. Remove smaller pieces by sweeping or vacuum. Dispose of via a licensed waste disposal contractor.

Note: see section 13 for waste disposal.

7. Handling and Storage

Handling:

Upon coiling up and rolling off of polyethylene terephthalate films as well as upon fast running over rolls PET films can accumulate electrostatic charges. Therefore, discharging equipment should be installed. This is especially necessary in case of contact with inflammable atmosphere and in order to protect people from painful electric discharges.

Storage:

Store in accordance with local regulations. Store in original packaging protected from heat, direct sunlight, dust and incompatible materials (see section 10).

8. Exposure Controls / Personal Protection

Exposure limit values:

None known

Engineering measures:

None required

Personal protection equipment

Respiratory protection

None

Hand and skin protection

Avoid contact with molten or heated product. Wear insulated gloves and overalls.

Eye protection

Avoid contact with molten or heated product. Wear safety glasses.



9. Physical and Chemical Properties

Appearance

Physical state:	Solid (film)
Colour:	dependent on type
Odour:	None

Critical data

Melting range:	250 ... 260 °C
Ignition temperature:	454 °C
Explosive properties	None
Vapour pressure:	Not applicable
Density:	1.27 – 1.34 g/cm ³
Solubility:	Insoluble in water
pH value	Not applicable

10. Stability and Reactivity

Hazardous reactions:	None
Thermal decomposition:	> 300 °C
> 320 °C	
Dangerous decomposition products:	carbon monoxide, carbon dioxide
Incompatibility:	Material reacts with strong oxidizing agents.

11. Toxicological Information

Potential acute health effects:	No known significant effects or critical hazards.
Potential chronic health effects:	No known significant effects or critical hazards.

12. Ecological Information

Persistence / Degradability:

Biodegradability	Non-biodegradable
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Environmental impact / ecotoxicity	Insoluble - not harmful to fish and bacteria.
Further ecological information	PET is insoluble in aquatic systems and without any environmental hazard.

12. Disposal Considerations

Methods of disposal:	Can be 100% recycled. For recycling contact manufacturer or a licensed waste recycling / disposal contractor. Disposal at incineration plants or waste disposal sites in accordance with current local regulations.
Hazardous waste:	Within the present knowledge of the supplier, this product is not regarded as hazardous waste, as defined by EU Directive 91/689/EEC.

14. Transport Information

All modes of transport:	Not classified as dangerous material.
Post:	Permitted

15. Regulatory Information

No hazard warning label required.

16. Other Information

Uses:	None identified.
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The information contained in the Safety Data Sheet is at the date of its issuance to the best of our knowledge correct according to the data available to us. The information is meant as a guideline for safe use, handling, disposal, storage and transport of products and does not imply any warranty (not implied nor explicitly) or specification. The Supplier shall to the extent permitted by law not be liable for any error or incorrectness in the information contained in this Safety Data Sheet. The information relates exclusively to the specified products, which may not be suitable for combination with other materials or use in processes other than those specifically described here.