

**PRODUCT INFORMATION
for safe handling**



Nylon Vacuum Film / Nylon Vacuum Film Tubing (PA / PE / PA)

Version 1

1. Product and Company Information

Product information

Trade name:	Vacuum film and vacuum film hose made of nylon (polyamide) or composite film PE/PA (polyethylene / polyamide) Semi-finished products for industrial processing
Company:	HP-Textiles GmbH Otto-Hahn-Straße 22 48480 Schapen -Germany-
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2. Possible dangers

This product is a clear/green/yellow plastic film. It is not hazardous according to Article 31 and Annex II of the REACH Regulation. There is no labelling requirement for this product.

Hazard overview:

The melted product can cause severe skin burns.
Spilled material can pose a slip hazard.
Possible generation of electrostatic charges during use.
In the event of thermal decomposition, irritating and/or toxic fumes may be released.

Classification notes:

This product is not classified as hazardous according to EEC Directives 1999/45, 67/548, 76/769 and subsequent amendments.

3. Composition / information on the ingredients

CAS Number	EC number	Chemical name	Content	Symbol	R-phrases
105-60-2	203-313-2	ϵ -Caprolactam	< 3.0%	Xn	20/22-36/37/38

Product class: Nylon resin film.

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4. First aid measures

- After inhalation This material is unlikely to be dangerous by inhalation.
- After skin contact This material is unlikely to become dangerous through skin contact.
- After eye contact In its present form, it is unlikely that there is a danger to the eyes.
- After taking It is unlikely to be taken in its present form.

Further information:

At room temperature, the product is neither irritating nor does it emit dangerous fumes. The measures listed below apply to critical situations (fire, incorrect process conditions).

After inhaling

In case of excessive inhalation of fumes, remove the person to fresh air. Call for medical help, keep the person warm, give mouth-to-mouth resuscitation or artificial respiration if necessary.

After skin contact

After contact with the melted product, cool quickly with cold water. Do not pull the solidified product away from the skin. Seek medical advice immediately.

After eye contact

Rinse the open eye under running water for a few minutes. Then consult the doctor.

After swallowing

No special measures need to be taken if the product is swallowed. Seek medical advice if necessary.

5. Firefighting measures

Suitable extinguishing agents for firefighting

Water Haze, Foam, Carbon Dioxide, Chemical Powder

Unsuitable extinguishing agent for firefighting

High-performance water jet

Special hazards posed by the substance or mixture

Hazardous combustion products - In the event of a fire, it can release water (H₂O), carbon dioxide (CO₂) and, in the absence of oxygen (O₂), carbon monoxide (CO), hydrocarbons, aldehydes such as acrolein and formaldehyde, and organic acids. The products of combustion are dangerous. The formation of hydrocarbons and aldehydes is possible in the initial stages of a fire (especially between 400 °C and 700 °C).

Notes for firefighters

Wear an approved, self-contained respirator with positive pressure and full protective clothing.

6. Accidental Release Measures

Personal precautions, protective equipment and emergency measures

No special requirements

Precautions for the environment

Do not allow to get into groundwater, sewage or sewers.

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Methods and materials for containment and purification:
collection and storage in containers for disposal.

7. Handling and storage

Precautions for safe handling

Good industrial practice for handling chemical products should be followed. Provide adequate ventilation and local suction if necessary

Conditions for safe storage, including any intolerances

Store in a cool, dry place, out of direct sunlight, at 20-25°C and 50-55% humidity. Store in the original packaging to avoid contamination.

8. Exposure limitation and personal protective equipment

Control parameters:

CAS No.	EC No.	Chemical name	Kind	Value
105-60-2	203-312-3	ϵ -Caprolactam	WEL-TWA	1 mg/m ³ (dust only)
			WEL-STEL	3 mg/m ³ (dust only)
			WEL-TWA	10 mg/m ³ (dust and vapour)
			WEL-STEL	20 mg/m ³ (dust and vapour)
			WEL (Europe) 8-hour TWA	10 mg/m ³
			WEL (Europe) STEL	10 mg/m ³

Limitation of exposure:

Entire room area and/or local extraction at the points of smoke development in the work area.

Limiting and monitoring occupational exposure:

Protection of the respiratory tract:

None in normal use.

Guard:

When handling hot material, protective gloves in accordance with EN 407 are required.

Eye protection:

Use tight-fitting safety goggles in accordance with EN 166.

Hygiene measures:

Wash hands before handling food.

9. Physical and Chemical Properties

Information about the basic physical and chemical properties

Appearance: thin light green, light yellow or colourless film

Smell: odourless

Odour threshold: -

Ph: Not applicable, solid film

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Melting point:	>205 °C
Boiling point:	Not applicable, solid film
Flash point:	Not applicable, solid film
Evaporation rate:	Not applicable, solid film
Flammability (solid, gaseous):	Not determined
Vapor pressure:	Negligible at room temperature
Vapor density (air = 1):	Not determined
Relative Density:	1.12-1.14 g/m ³ (at 20°C)
Solubility:	Not definitely. Not soluble in water
(p)- Coefficient: n-octanol / water:	Not applicable
Ignition temperature:	<400 °C
Decomposition temperature	<300 °C
Viscosity	Not applicable, solid film
Explosive properties	Not applicable
Oxidizing properties	Not applicable

10. Stability and reactivity

Reactivity:	No dangerous reactions known
Chemical stability:	No dangerous reactions known
Possible dangerous reactions:	No dangerous reactions known
Conditions to avoid:	Heating above 300 °C
Incompatible materials:	Strong acids and oxidizing agents

Dangerous decomposition products:

In the event of thermal decomposition during superstructure or combustion, toxic fumes may be produced: carbon monoxide, carbon dioxide nitrogen oxides, small amounts of hydrogen cyanide, ϵ -caprolactam and other by-products of combustion (hydrocarbons).

11. Toxicology claims

According to our experience and to the best of our knowledge, the product is not harmful to health, provided that it is treated and used in accordance with the given recommendations.

12. Environmental claims

Effects on ecotoxicity:

Water hazard class: 1 = slightly hazardous to water

Persistence and degradability:

The product is not biodegradable. The insoluble portion can be disposed of mechanically in suitable wastewater treatment plants.

Additional ecological information:

Do not allow to enter groundwater, sewers or drains.

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13. Disposal Instructions

Product/Packaging Disposal:

The film is recyclable and is preferably disposed of in landfills or incineration.
The disposal of the product must be carried out in accordance with local regulations.

Waste codes / waste designations according to LoW:

070213 Plastic Waste
150101 Paper and cardboard packaging
150102 Plastic Packaging

Wastewater disposal-relevant information:

Waste should not be disposed of by disposing of it in the sewer system.

14. Transport details

The product is not a dangerous good within the meaning of the transport regulations.

15. Regulations

This product has been classified in accordance with EC Directive 1999/45/EC and its recommendations.

The product is not subject to labeling in accordance with EC directives in the shipping condition.
Observe the usual safety regulations when handling chemicals

16. Other information

This information is based on our current knowledge and the information provided by our suppliers and describes the product only with regard to safety requirements. We assume that they are correct to the best of our knowledge and belief. They do not constitute a guarantee of characteristics and do not claim to be complete. They do not take into account all the circumstances in which the product may be used, nor all the physical and psychological characteristics of the persons responsible for transporting or processing the product.

According to Regulation (EC) No. 1907/2006 [REACH] Article 3(3), this product is classified as an article, therefore there is no obligation to register the ingredients or prepare a safety data sheet, as required by Article 31 of the REACH Regulation. This document was prepared voluntarily in accordance with Annex II of the Regulation under the aspect of "Responsible Care".

Company: HP-Textiles GmbH, D-48480 Schapen -Germany-	Date: 2025-03-04 (Version 1)	Department: Application Technology / QA LS / HJ
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