
Trade name: Polyester (PET) Filament Yarns

Date of issue: 08.07.2003/Version 1.01/chw

replaces issue of 13.03.2001/chw

1. Identification of substance/preparation and company/undertaking

Product name: Polyester (PET) Monofilament Yarns
Producer and supplier: Rhodia Industrial Yarns AG
CH-6021 Emmenbrücke (Switzerland)
Switchboard / safety number: Tel. +41 (0)41 267 82 22
Fax +41 (0)41 267 92 22
Frankreich: Orfila 01 45 42 59 59
e-mail:productsafety@rhodia-iy.com

2. Composition / information on ingredients

Chemical nature: Polyester, Poly(ethylene terephthalate)
CAS Nr. 25038-59-9

Physical nature: Filament continuous yarn, different dtex, counts and types,
raw white (ecru) or dyed.

Preparation on the fibre: Normally, the product is coated with a spin finish. Typical
amounts vary from 0.6 to 1.2 % depending on yarn type and
dtex. Typical spin finish composition: lubricants, emulsifiers,
anti-electrostatic agents.

3. Hazards identification

To the best of our knowledge, Polyester yarn products have not been associated with negative effects on humans if used in accordance with good industrial hygiene practice and any legal requirements.

4. First-aid measures

Inhalation: Not specifically concerned
Skin contact: Not specifically concerned

In case of fire, the molten product may cause burns. Rinse with plenty of water. Do not attempt to remove clothes (danger of adherence to the skin). Call for a physician.

Eye contact: Not specifically concerned
Ingestion: Not specifically concerned

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5. Fire-fighting measures

Fire extinguishing agents:	All usual extinguishing media may be used
Restrictions:	No restrictions
Specific information for fire-fight:	Use autonomous respirators to fight fire indoor or in poorly ventilated areas. Do not use water as extinguishing agent in the presence of uninterrupted electrical installations.
Hazardous decomposition products:	Depending on temperature and oxygen availability, combustion off-gases contain variable quantities of toxic substances (carbon monoxide, acetaldehyde, various organic compounds) which must not be inhaled.

Emergency Response Intervention (ERI)-Card-number : 4-03 ; UN-no. 1373

6. Accidental release measures

Accidental dispersion/spill:	Collect material for controlled re-use or waste disposal. No special safety risks or risks to the environment.
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7. Handling and storage

Fire precautions:	Remove dust, fly and finish residues by ventilation and vacuum cleaning, especially on heat setting operations. Keep away from ignition sources. Beware of static electricity and discharges.
Storage:	No special safety precautions.
Storage conditions:	Consider technical advises referring to optimal processability.

8. Exposure controls and personal protection

Components with occupational exposure limits:	none
Industrial hygiene:	No special risks if handled in accordance with good industrial hygiene practice and any legal requirements.
Personal protection:	According to good practice of textile industry.

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9. Physical and chemical properties:

Appearance:	Form:	Multifilament yarns
	Colour:	raw white (ecru) or dyed
	Odour:	none
Melting range:	[°C]:	250-260
Flash point:	[°C]:	350 - 400
Ignition temperature:	[°C]:	about 420
Thermal decomposition:	[°C]:	starts at about 350
Explosion limits:		not explosible
Density:	[g/cm ³]:	1.38 - 1.42
Vapour pressure:		not applicable
Solubility in water:		Fibre is not water soluble

10. Stability and reactivity

Conditions to avoid:	none under normal storage conditions
Materials to avoid:	none under normal storage conditions
Hazardous decomposition products:	none under normal storage conditions

Combustion off-gases see point 5.

11. Toxicological information

The fibre product does not present special risks on humans if used in accordance with good Industrial hygiene practice and the concerning legal requirements.

The product is not aseptic.

In case of special end uses, Rhodia Industrial Yarns AG may be contacted for additional information.

12. Ecological information

The fibre product is not associated with ecological problems, provided that the wastes are orderly disposed of.

Because of its chemical nature, the product is not ecotoxic and not readily biodegradable.

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13. Disposal considerations

Can be disposed of as solid waste or burned in suitable installations, subject to local regulations.

14. Transport information

International regulations:

Class RID/ADR: not classified as hazardous

Class ICAO/IATA: not classified as hazardous

Class OMI/IMDG: not classified as hazardous

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15. Regulatory information

Classification and labelling Not classified as hazardous (regulations EEC and others)

16. Other information

This Safety Data Sheet uses the format and listing sequence of Commission Directive 91/155/EEC though the described product is not a dangerous preparation. It is intended to inform about physical properties, safety aspects, toxicological data and ecological characteristics that are relevant for the use of synthetic fibres in textile, technical and industrial applications, and to recommend procedures for their handling, storage and transport.

This Safety Data Sheet is a complement to Technical Data Sheets but does not replace them. The information given is to the best of our knowledge at the date of issue. It does not constitute a contractual description of product properties.

The Safety Data Sheet is not meant to be handed out to private end-users.

The Safety Data Sheet does not disengage the user of his duty to know and to apply any law and regulation that may be relevant.

Additional information may be requested at Rhodia Industrial Yarns AG if special applications of synthetic yarns are intended.
