

1. IDENTIFICATION OF THE PRODUCT AND OF THE COMPANY

01.09.2014

Manufacturer	PIN Floc SAS 21 Rue des Argousiers. ZA La Vigogne. F 62600 BERCK-SUR-MER
Trade Name	Technical Fibres
Chemical Name	Polyester
Product type	For more detailed information, see technologies data sheet.

2. COMPOSITION / INFORMATION ON INGREDIENTS

Main Components	Ethylene-polyterephthalate-based product (CAS Number 25038- 5- 9)
Substances Presenting a Health Hazard	
Chemical Family	Ethylene-polyterephthalate-based product (CAS Number 25038- 5- 9)
Additives	

3. HAZARDS IDENTIFICATION

Main Hazards	This product does not pose a hazard provided appropriate industrial hygiene measures are taken. Particles of polyester fibres may cause mechanical irritation of the skin and eyes.
Symptoms related to Inhalation	The potential association between dust or fibre in flocking operations and interstitial lung disease is being studied as a result of a study carried out by the National Institute of Occupational Safety and Health (NIOSH) in the USA, finding that some flocking operations generate respirable fibres and there is a higher incidence of interstitial lung disease among workers in those operations. It has at the moment not been established/confirmed whether during flocking and additional operations (curing, brushing and finishing processes) due to mechanical action respirable fibres may be generated.
Physico-chemical Hazards	This product is not classified as "dangerous substance" in compliance with the EU regulations.

4. FIRST AID MEASURES

Inhalation	There are no prescriptions.
Skin Contact	There are no prescriptions. Yet, the molten product can cause burns. In this case rinse thoroughly with water.
Eye Contact	Flush eyes with water. If the eyes are still sore call a physician.
Ingestion	There are no prescriptions.

5. FIRE-FIGHTING MEASUREURES

Technical Measures	Special risks: Flammable, heat-melting product. Risk of spreading fire due to burning drops of product.
Extinguishing Media	Suitable: Every extinguisher equipment can be used (water, foam, dust, carbon dioxide, sand...) Unsuitable: None. In case of fire use the suitable extinguisher
Combustible Products	During combustion: release of noxious organic vapours. Special fire-fighting methods: Cool down the molten product with water. Protection for people putting the fire out: Use breathing apparatus.

6. ACCIDENTAL RELEASE MEASURES

Personal precautionary measures	The product does not pose any hazard for the working environment.
Protection of the environment	The product does not pose any particular hazard for the environment.

7. HANDLING AND STORAGE

	No specific technical measures are needed.
Storage Temperature	

8. EXPOSURE CONTROLS AND PERSONAL PROTECTION

	Special technical measures are not needed provided appropriate industrial hygiene and safety measures are taken. During the transformation process suck flock in the point of emission. Use sufficient ventilation to keep employee exposure below recommended limits. No special technical measures are needed.
Protective equipment	Wear coverall chemical splash goggles and face shield when there is the possibility that eyes or face get in touch with airborne material. Wear appropriate gloves and clothing if there is the possibility that skin irritates from contact with fibre particles.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Solid
Color	Dyed
Smell	Smell less
Melting Range (°C)	from 255° C to 260°C
Flash Point	>350°C
Auto-Ignition Temperature (°C)	>420°C

10. STABILITY AND REACTIVITY

Stability	Stable at normal conditions
Conditions to avoid	<p>DANGEROUS REACTIONS: No dangerous reactions occur at normal conditions of use.</p> <p>DANGEROUS CONDITIONS: Heating at a temperature higher than the melting point for very long periods of time.</p> <p>During combustion or thermal decomposition (pyrolysis) the product releases toxic gases:</p> <ul style="list-style-type: none"> - Carbon monoxide CO and carbon dioxide CO₂

11. TOXICOLOGICAL INFORMATION

Specific effects	<p>The molten product can cause burns.</p> <p>The product is not particularly dangerous if appropriate industrial hygiene measures are taken.</p>
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12. ECOLOGICAL INFORMATION

Soil	The product is persistence in the soil.
Water	Fish toxicity: Not applicable
Stability and degradability	Not applicable.
Biodegradability	The product is biodegradable only to a very limited extent.
Any bioaccumulation Potential	Not applicable.

13. DISPOSAL CONSIDERATIONS

	<p>Recycle the product in the production plant as much as possible.</p> <p>Product not used:</p> <ul style="list-style-type: none"> - Dispose it in compliance with local standard regulations. - Dispose it like any other industrial waste. - Burn it in an authorized plant.
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14. TRANSPORTATION INFORMATION

	No restriction on transport by road, water, rail, or flight.
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15. REGULATORY INFORMATION

Labeling	There are no specific prescriptions in accordance with the EEC directives.
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16. OTHER INFORMATION

	<p>The product is used in the textile industry.</p> <p>Electrostatic, velvet and or mechanical (flocking) finish of textile surfaces, paper, plastic sheets and three-dimensional parts.</p>
Reach	<p>Text of R phrases appearing in paragraph 2: None.</p> <p>Text of R phrases appearing in paragraph 3: None.</p>