

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	Polypropylene: Propene homopolymer or I-propene, polymer with ethene.
Product type	For more detailed information, see technologies data sheet.

2. HAZARDS IDENTIFICATION

Main Components	Propene homopolymer or I-propene, polymer with ethene: min. 98%. Chemical formula: (C ₃ H ₆) _n .
Substances Presenting a Health Hazard	None to our knowledge.
Chemical Family	Olefin polymer.
Additives	Polypropylene antioxidants and stabilizers: 2.0% max.

3. HAZARDS IDENTIFICATION

Main Hazards	None to our knowledge.
Symptoms related to Inhalation	If heated to more than 235°C, the product may form vapours or fumes which may cause irritation of respiratory tract, resulting in coughing and sensation of shortness of breath.
Physico-chemical Hazards	Combustible if exposed to flames.

4. FIRST AID MEASURES

Inhalation	Fresh air.
Skin Contact	Treat the affected parts with cold water. If necessary, consult a skin specialist.
Eye Contact	in case of irritation, wash with copious volumes of water until the irritation disappears (at least 10 minutes). If necessary, consult eye specialist.
Ingestion	Ingestion during handling is not likely. In case of ingestion of small quantities, no important effect will be observed. In the case of ingestion of larger amounts this may result in abdominal pain and diarrhoea. If necessary, consult a doctor.

5. FIRE-FIGHTING MEASURES

Technical Measures	Stop the fire spreading. Call the fire brigade immediately. Evacuate nonessential personnel. Protective clothing, goggles and self-contained breathing equipment should be made available for firemen.
Suitable Extinguishing Media	For minor fires: carbon dioxide or powder for more extensive fires: foam. Water spray (mist) to cool the surfaces exposed to the fire. Not to be used: Do not use water jets (stick jets) in the early stages of extinguishing fire since they could help to spread the flames.

Combustible Products	Complete combustion, with an excess of oxygen forms: carbon dioxide and water vapour. Partial combustion also forms carbon monoxide, soot and segregated products: aldehydes, ketones, hydrocarbons and volatile fatty acids.
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6. ACCIDENTAL RELEASE MEASURES

	Fibres spilled on the floor should be recovered by sweeping or suction, and put in containers to facilitate its disposal.
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7. HANDLING AND STORAGE

	Do not store near highly flammable materials. Store away from heating source. Store in dry area to avoid degradation of the boxes and bags.
Storage Temperature	< 100°C, >- 40°C.
Shelf Life	One year

8. EXPOSURE CONTROLS AND PERSONAL PROTECTION

Personal Protection - Respiratory Protection	In case of risk of overexposure to dust, vapour or fumes, it is recommended that a local exhaust system is placed above the conversion equipment, and the working area must be properly ventilated.
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9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Short cut Fibres.
Physical State at 20°C	Solid
Color	Translucent or white opaque.
Smell	Smell less.
Change in Physical State at 1013 hPa	
Melting Range (°C)	From 160 to 165
Flash Point	± 350
Auto-Ignition Temperature (°C)	> 380
Explosion Limits	0.020 (for polymer dust < 63 pm)
Minimum Ignition Energy at 20°C (mJ)	
Solubility in water	Insoluble.
Viscosity	Non-applicable.
Chloride	< 0.001%
Density	0.905 g/m ³

10. STABILITY AND REACTIVITY

Stability	Stable under normal operating conditions.
Conditions to avoid	Avoid proximity or contact with flames or sparks. Do not heat to temperatures exceeding 300°C.

11. TOXICOLOGICAL INFORMATION

Inhalation	Low risk for temperatures below 40°C. If heated to more than 235°C the product may form vapours or fumes which may cause irritation of respiratory tract and cause coughing and sensation of shortness of breath.
Skin Contact	No risk for temperatures below 40°C. Contact with hot material may cause severe thermal burns.
Eye Contact	Fine dust may cause irritation to ocular mucous, splashing of molten droplets causes ocular tissue injury.
Ingestion	Minimal toxicity.
Carcinogenicity	IARC (International Agency on Research on Cancer): Category 3: The agent is not classifiable as to its carcinogenicity to humans.
Mutagenicity	This product has been found to be non-mutagenic as well as non-genotoxic.
Other	Polyolefines are biologically inert.

12. ECOLOGICAL INFORMATION

Information	Avoid losses to the environment whenever possible.
Mobility	
Air	There is a slow loss by evaporation.
Soil	Because of its physicochemical properties, the product generally has low soil mobility.
Water	Because of its low solubility the product should not be dangerous for aquatic life.
Stability and degradability	Persistent in the environment.
Biodegradability	This substance is slowly biodegradable.
Any bioaccumulation Potential	Potential bioaccumulation of the product in environment is very low

13. DISPOSAL CONSIDERATIONS

	According to local regulations. Can be disposed of as refuse for reprocessing. Do not dispose of by means of sinks, drains or into the immediate environment. It may be used as fuel in suitably designed installations.
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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	No labelling is required in accordance with the EEC directives.
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16. OTHER INFORMATION

	<p>The information in this data sheet applies only to the products produced or supplied by us.</p> <p>It is based on our experience and on the data available to us at the time of its issue and is accurate to the best of our knowledge. The customer is strongly advised to observe and ensure that its employees and customers observe all directions contained herein.</p> <p>However, no warranty is made or implied that the information is accurate or complete and no liability will be accepted whatsoever arising out of the use of the information or the products designated.</p> <p>The information in these documents, including all drawings, proposed procedures and specifications is exclusively general information. Details can be changed without prior warning. In spite of the fact that all efforts have been made to ensure correct details, this information cannot be used in any way without independent professional consultancy and verification of its precision, suitability and usability.</p> <p>The user alone shall be liable for the choice, the use, the effectiveness and the suitability of the information. If anybody should use the information, it shall be at his or her own risk. Pin Floc Production has no control of the design, the manufacture or the testing of the cement materials in which our products are used. Pin Floc Production shall not be held liable for the end products or for the use of our products.</p> <p>The manufacturer shall be held responsible for the testing and the physical properties of his products. The manufacturer shall be liable for concord regarding his products, including any formula that includes materials from Pin Floc Production. Pin Floc Production shall in no case be liable to the user for any indirect, special, consequential or inadvertent damage that might occur as a consequence of use, result of use or inability to use the information.</p>
Reach	Text of R phrases appearing in paragraph 2: None. Text of R phrases appearing in paragraph 3: None.