

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	Acrylic Fibre
Chemical Name	Polyacryl nitril
Product type	For more detailed information, see technologies data sheet.

2. COMPOSITION / INFORMATION ON INGREDIENTS

Main Components	Polymer formed from >85% acrylonitrile and <15% co-monomers including methylacrylate, acrylamide and organic sulphonate dyesites (depending on product type)
Substances Presenting a Health Hazard	None
Chemical Family	(CH ₂ -CHCN) _n
Additives	Water

3. HAZARDS IDENTIFICATION

Main Hazards	Not classified a hazardous.
Symptoms related to Inhalion	Processing of any fibre can lead to fly (dust) formation. Some individuals, e.g. with asthma or bronchitis or similar respiratory sensitivity, may be intolerant to high concentration of fibre in the air. Fibre fly (dust) can cause irritation.
Physico-chemical Hazards	Accumulated fibre dust can lead to a fire hazard.

4. FIRST AID MEASURES

Inhalation	Symptomatic treatment and supportive treatment as indicated. Some individual, e.g. with asthma, may be intolerant to high concentrations of fibre in the air.
Skin Contact	If irritation develops, wash with soap and water and seek medical attention. If molten material gets on skin, cool rapidly with cool water. Do not attempt to remove material from skin. Obtain medical treatment for thermal burn.
Eye Contact	Flush eyes with plenty of eyewash solution or clean water, holding eyelids apart. If irritation persists seek medical attention.
Ingestion	No adverse effect expected due to ingestion.

5. FIRE-FIGHTING MEASUREURES

Technical Measures	Combustible. Fire fighter should wear self contained breathing apparatus and protective clothing appropriate to the scale and nature of the fire.
Suitable Extinguishing Media	Water spray, foam powder, carbon dioxide.
Combustible Products	If involved in a fire, it may evolve toxic fumes including hydrogen cyanide under certain conditions.

6. ACCIDENTAL RELEASE MEASURES

Personal precautionary measures	No personal precautions thought necessary in dealing with spilt fibre.
Protection of the environment	Environmental precautions: No specific hazard for environment. Clean up methods: Recover small quantities of split material by hand.

7. HANDLING AND STORAGE

	The fibres are usually supplied in bags or boxes. Personal should wear suitable protective clothing, including eye protection (goggles or face shield) and industrial gloves. Ensure good ventilation of the storage area. Keep away from open flames and heated surface above 200°C. Keep away from strong acids and strong oxidizing agents.
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8. EXPOSURE CONTROLS AND PERSONAL PROTECTION

Respiratory Protection	Wear suitable respiratory protection when cleaning up dust.
Eye protection	Wear suitable eye/face protection when using the flocs.
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.
Engineering controls	Controlling exposure to floc as supplied should not be necessary but, in common with other fibres, exposure to dust (fly) resulting from processing should be controlled. Ensure good ventilation in the working area. In critical areas, extraction system should be fitted. Cleaning should wherever possible be done using a vacuum cleaner.
Exposure limits	The exposure limits of dust are classified in terms of national and international regulations and directives.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Short fibres
Smell	Slight characteristic odour due to the presence of fibre finish.
Change in Physical State at 1013 hPa	
Melting Range (°C)	250°C
Flash Point	190 and 240°C

Minimum Ignition Energy at 20°C (mJ)	
Solubility in water	Insoluble.
Density	1.15

10. STABILITY AND REACTIVITY

Stability	Stable at normal conditions.
Conditions to avoid	Stable under normal conditions of use.

11. TOXICOLOGICAL INFORMATION

	The toxicological properties of the fibre are governed by the chemical applied to its surface to aid downstream processing e.g; fibre finish and antis tats.
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12. ECOLOGICAL INFORMATION

Information	No information available.
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13. DISPOSAL CONSIDERATIONS

	Disposal should be in accordance with relevant national or local regulations pertaining to the disposal of non hazardous waste.
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14. TRANSPORTATION INFORMATION

	Not classified as dangerous for conveyance under the carriage of dangerous goods (Classified, Packaging and labelling) and use of transportable pressure receptacles regulation 1996, or under the European agreement concerning international carriage of goods by road (ADR) or rail (RID), or the international agreement for carriage by sea (IMDG) nor air (ICAO/IATA).
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15. REGULATORY INFORMATION

Labeling	No classified as dangerous for supply under EC Council Directive 67/548/EEC (As amended and accepted to technical process).
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16. OTHER INFORMATION

	While PIN FLOC endeavours to ensure that all advice given relating to the use and/or application of our products (whether in this leaflet or otherwise) is both correct and useful, the information is based partly on data made available to us from other sources and is not guaranteed as accurate. It is not intended to be exhaustive or as a substitute for the customer's own product testing, evaluation and safety assessments/procedures.
Reach	Text of R phrases appearing in paragraph 2: None. Text of R phrases appearing in paragraph 3: None.