

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	Viscose
Chemical Name	Polysaccharide
Product type	For more detailed information, see technologies data sheet.

2. COMPOSITION / INFORMATION ON INGREDIENTS

Main Components	Cellulose – regenerated 68442-85-3 Staple, 84 – 98, Wet short cut and flock 48, None risk. Pigments (spundyed) Dependent on product type 0 – 4, None risk
Substances Presenting a Health Hazard	Symptoms and Effects: Exposure to high levels of fibre fly during processing may lead to irritation of the eyes, respiratory system and possibly skin.
Chemical Family	Cellulose – regenerated
Additives	Variations: Delustered grades of Viscose fibres contain up to 1% titanium dioxide (CAS No 13463-67-7).

3. HAZARDS IDENTIFICATION

Main Hazards	Not classified as hazardous. 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 concentrations of fibre in air.
Symptoms related to Inhalation	Fibre . (dust) can cause irritation.
Physico-chemical Hazards	Accumulated fibre dust can lead to a fire hazard.

4. FIRST AID MEASURES

Inhalation	Remove affected person to fresh air. Seek medical attention if symptoms appear. Advice to Physicians : Symptomatic treatment and supportive treatment as indicated. Some individuals 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.
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 MEASEURES

Technical Measures	If involved in a fire it may evolve toxic fumes such as carbon monoxide. Firefighters 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	Combustible.

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions	No personal precautions thought necessary in dealing with spilt fibre.
Environmental Precautions	Viscose fibres are not expected to do any harm if released to the environment.
Clean-up Methods	Recover small quantities of spilt 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.
--	--

8. EXPOSURE CONTROLS AND PERSONAL PROTECTION

Personal Protection	Respiratory Protection: Wear suitable respiratory protection when cleaning up dusts. Eye Protection: Wear suitable eye/face protection when opening bales. Hand Protection: Wear suitable protective gloves when opening bales, bigbags and cartons.
Respiratory Protection	Wear suitable respiratory protection when cleaning up dust.
Exposure Limits	The exposure limits of dust is classified in terms of the national and international regulations and directives.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Colors
Color	Colors
Smell	Slight characteristic odour due to the presence of fibre finish.
Change in Physical State at 1013 hPa	
Melting Range (°C)	Not applicable.
Flash Point	Not applicable.
Auto-Ignition Temperature (°C)	Approx. 400° C.
Minimum Ignition Energy at 20°C (mJ)	
Solubility in water	Insoluble.

10. STABILITY AND REACTIVITY

Conditions Materials	Stable under normal conditions of use.
To Avoid	None known.
Hazardous Decomposition Products	None known.

11. TOXICOLOGICAL INFORMATION

	The toxicological properties of the fibre are governed by the chemicals applied to its surface to aid downstream processing e.g. fibre finishes. These vary depending upon the grade of Viscose fibres purchased. This information is available on request.
--	---

12. ECOLOGICAL INFORMATION

	Rayon, being a cellulosic fibre, is biodegradable under conditions which encourage the growth of micro organisms.
--	---

13. DISPOSAL CONSIDERATIONS

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

14. TRANSPORTATION INFORMATION

	Not classified as dangerous for conveyance under the carriage of dangerous goods (Classification, packaging and labelling) and use of transportable pressure receptacles regulations 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) or air (ICAO/IATA).
--	--

15. REGULATORY INFORMATION

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

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.