

**1 - IDENTIFICATION OF THE PREPARATION AND THE COMPANY/BUSINESS**

**Identification of the substance or preparation**

Name of product: **Knitflow 105 HT**

**Use of the substance / preparation**

Article: Resin flow mesh

**Company / undertaking identification**

Company name: AIRTECH EUROPE Sarl

Street/POB No.: Z.I. Haneboesch

State/city/postal code: L-4562 DIFFERDANGE

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Dept./responsible for information:

E-mail: sales@airtech.lu

**Emergency telephone**

+352-582282-1 (8.00am – 5.00pm CET)

**2 - HAZARDS IDENTIFICATION**

**EMERGENCY OVERVIEW:** Under normal conditions of use, the product is not expected to create any health or safety hazards.

**3 – COMPOSITION/INFORMATION ON INGREDIENTS**

**Product class:** The product is made with polyester fibres.

**Hazardous ingredients:** None.

**4 - FIRST AID MEASURES**

**Skin contact:** Wash skin with water and soap. If molten material contacts skin, cool rapidly with cold water. Do not attempt to peel the product from skin. Obtain medical attention for thermal burns.

**Inhalation:** Not a probable route of exposure. In case of accidental inhalation of fumes from overheating or combustion, move to fresh air. Consult a physician after significant exposure.

**Eye contact:** Not a probable route of exposure.

**Ingestion:** Not a probable route of exposure.

**5 - FIRE-FIGHTING MEASURES**

**Suitable extinguishing media:** Water, carbon dioxide, foam, dry chemical.

**Special protective equipment/instructions:** Normal firefighting procedures should be followed to avoid inhalation of smoke and gases. Firefighters should wear full protective clothing including self contained breathing apparatus.

**6 - MEASURES TO BE TAKEN IN THE EVENT OF ACCIDENTAL SPILLAGE**

**Environmental precautions:** Do not allow to enter ground water, sewage or drains.

**Methods for clean-up:** Collect and store into containers for disposal.

**7 - HANDLING AND STORAGE**

**Handling:** Good industrial practice in housekeeping should be followed. Wash hands after handling and before eating.

**Storage:** Store in a cool dry place.

**KNITFLOW 105 HT****8 - EXPOSURE CONTROLS/ PERSONAL PROTECTION**

**Exposure limit values:** None known.

**Exposure controls:** Provide adequate room ventilation.

**Occupational exposure controls:**

Respiratory protection: None under normal usage.

Hand protection: Protective gloves according to EN 407 are required when handling hot material.

Eye protection: Safety glasses are recommended.

Hygiene measures: Wash hands before handling food and at the end of work.

**9 - PHYSICAL AND CHEMICAL PROPERTIES**

Appearance:	Clear polyester knitted mesh.
Odor:	None
pH:	Not applicable
Solubility in water:	Insoluble.
Flash point:	Not applicable
Auto-ignition temperature (ASTM D 1929):	Not determined
Melting point/range:	250-270 °C

**10 – STABILITY AND REACTIVITY**

**Conditions to avoid:** Heating above maximum recommended use temperature.

**Materials to avoid:** Strong acids and strong oxidizing agents.

**Hazardous decomposition products:** In case of thermal decomposition, during overheating or combustion, toxic gases or fumes may be evolved: carbon monoxide, carbon dioxide and other toxic combustion by-products.

**Additional information:** The product is stable at the handling and storage conditions recommended per § 7 of the safety data sheet and under normal processing conditions.

**11 - TOXICOLOGICAL INFORMATION**

According to the best of our knowledge and to our experience, the product is not harmful to health provided that it is correctly handled and used according to the given recommendations.

**12 - ECOLOGICAL INFORMATION**

**Ecotoxicity:** Water hazard class: 1 = mild water pollutant

**Persistence and degradability:** Product is not biodegradable. The insoluble part can be disposed of mechanically in suitable waste water cleaning plants.

**Additional ecological information:** Do not allow to enter ground water, sewage or drains.

**13 - DISPOSAL CONSIDERATIONS**

**Disposal recommendations:** Like most thermoplastics, the product can be recycled. Where possible, recycling is preferred to landfill or incineration. Disposal of the product and the packaging must be done in compliance with local, state and federal regulations.

European waste key numbers: 070213 = Plastic waste

**Contaminated packaging:** Waste key number 150101 – Paper and cardboard packaging.

Waste key number 150102 – Plastic packaging.

## KNITFLOW 105 HT

### 14 - TRANSPORT INFORMATION

Not classified as a hazardous material with respect to transportation regulations (ADR for road, RID for rail, IMDG for sea and ICAO/IATA for air transport).

### 15 - REGULATORY INFORMATION

This product was classified in compliance with the directives 88/379/EC and their adaptations. Not subject to labeling according to EC directives.

### 16 - OTHER INFORMATION

This bulletin cannot cover all possible situations which the user may experience during processing. Each aspect of your operation should be examined to determine if, or where, additional precautions may be necessary. All health and safety information contained in this bulletin should be provided to your employees or customers. It is your responsibility to use this information to develop appropriate work practice guidelines and employee instructional programs for your operation.

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