

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

**Identification of the substance or preparation**

Name of product: **RIC (Resin Infusion Connector) HT**

**Use of the substance / preparation**

Article: Resin infusion connector

**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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E-mail: sales@airtech.lu

**Emergency telephone**

+352-582282-1 (8.00am – 5.00pm CET)

**2 - HAZARDS IDENTIFICATION**

The product is not considered hazardous under normal usage. Thermal decomposition may produce hazardous fumes.

The product does not require a hazard warning label in accordance with EC Directives.

**3 – COMPOSITION/INFORMATION ON INGREDIENTS**

The product is an article according to the REACH regulation and the ingredients are nylon resin, carbon black and small quantities of additives.

**4 - FIRST AID MEASURES**

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

**Skin contact:** Wash with soap and water as good industrial hygiene practice.

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

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

**5 - FIRE-FIGHTING MEASURES**

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

**Extinguishing media which must not be used for safety reasons:** High power water jet.

**Unusual fire and explosion hazards:** Combustible. Molten film at higher temperatures can ignite and will burn.

**Special protective equipment:** In the event of fire, wear an approved positive pressure self-contained breathing apparatus and full protective clothing.

**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 for handling of chemical products should be followed. Provide adequate ventilation, and local exhaust as needed.

**Storage:** Store in a cool, dry area, away from direct sunlight, at 20-25°C.

**8 - EXPOSURE CONTROLS/ PERSONAL PROTECTION**

**Exposure controls:** Overall room ventilation and/or local exhaust at points of fume generation in the work area.

**Occupational exposure controls:**

**Respiratory Protection:** None required

**Ventilation:** None required

**Protective Gloves:** None required

**Eye Protection:** Safety glasses as good industrial practice

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

**9 - PHYSICAL AND CHEMICAL PROPERTIES**

Material type:	Nylon-66
Color:	Black
Odor:	No odor
Boiling point:	N/A
Melting point:	240 – 260°C
Solubility in water	Insoluble
Solubility in solvent	N/A
Specific gravity or relative density	1.14
pH	N/A

**10 - STABILITY AND REACTIVITY**

**Conditions to avoid:** Heating above 200°C.

**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, nitrogen oxides, small amounts of hydrogen cyanide, ε-caprolactam and 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

**14 - TRANSPORT INFORMATION**

Not classified as hazardous under transport 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 67/548/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.

As the conditions or methods of use are beyond our control, we do not assume any responsibility and expressly disclaim any liability for any use of this material. The information supplied on this safety data sheet is based on our current level of knowledge and on national and community regulations but all statements or suggestions are made without warranty, express or implied, regarding accuracy of the information, the hazards connected with the use of the material or the results to be obtained from the use thereof.