

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

**Identification of the substance or preparation**

Name of product: **VAC-RIC 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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Dept./responsible for information:

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. Eye, nose, throat and lung irritation can occur from such vapors.

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 PTFE resin 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:** The solid polymer can only be burned with difficulty.

**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.

**VAC-RIC HT**

**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:** Protective gloves according to EN 407 are required when handling hot material.  
Glove material: nitrile rubber

**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:	PTFE
Color:	White
Odor:	No odor
Boiling point:	N/A
Melting point:	325-330 °C
Solubility in water	Insoluble
Solubility in solvent	N/A
Specific gravity or relative density	2.14 – 2.16
pH	N/A

**10 - STABILITY AND REACTIVITY**

**Conditions to avoid:** Heating above 260°C without adequate ventilation.

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

**Hazardous decomposition products:** Toxic gaseous material (HF and fluorocarbon olefins) may be evolved above 260°C.

**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**

**Acute toxicity:** The thermal decomposition vapors of fluorinated polymers from overheating or burning may cause polymer fume fever, a temporary flu-like illness with fever, chills and sometimes tightness in the chest. It will appear two or more hours after exposure and will be of approximately 48 hours duration. Smokers should avoid contamination of tobacco products, and should wash their hands before smoking.

# EU SAFETY DATA SHEET

According to Regulation (EC) No. 1907/2006 (REACH)

## VAC-RIC HT

### 12 - ECOLOGICAL INFORMATION

**Ecotoxicity:** Aquatic toxicity is expected to be low based on insolubility in water.

**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. Incineration must be done using a scrubber to remove hydrogen fluoride and other acidic combustion products, if in compliance with local 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.

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