

EU SAFETY DATA SHEET

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

**RELEASE EASE 234 TFP, 234 TFP-HP,
234 TFP-1, RELEASE EASE 234 TFNP,
236 TFNP****1 - IDENTIFICATION OF THE PREPARATION AND THE COMPANY/BUSINESS****Identification of the substance or preparation**Name of product: **RELEASE EASE 234 TFP, 234 TFP-HP, 234 TFP-1, 234 TFNP, 236 TFNP****Use of the substance / preparation**

Article: Release fabrics / Peel plies

Company / undertaking identification

Company name: AIRTECH EUROPE Sarl
Street/POB No.: Z.I. Haneboesch
State/city/postal code: L-4562 DIFFERDANGE
Telephone: +352-582282-1
Telefax: +352-584935
Dept./responsible for information:
E-mail: sales@airtech.lu

Emergency telephone +352-582282-1 (8.00am – 5.00pm CET)**2 - HAZARDS IDENTIFICATION**

EMERGENCY OVERVIEW: This product is a solid, pliable sheet. The major hazard associated with this material is the inhalation of thermal decomposition products. Contamination of tobacco products must be avoided. Exposure to fumes generated if the product is heated above 275°C may result in 'Polymer Fume Fever'. At temperatures above 380°C, thermal decomposition commences, liberating highly toxic and corrosive products.

Potential Health Effects:

Skin: Cutting or tearing this material may produce small amounts of glass fibre particulates, which may cause skin irritation.

Eyes: Cutting or tearing this material may produce small amounts of glass fibre particulates, which may cause eye irritation.

Inhalation: Normally not a concern under normal usage. However, inhalation of fumes from burning or heating over 275°C may cause 'polymer fume fever'. This presents flu-like symptoms, which may include chills and fever. Symptoms may not appear for several hours after exposure and normally disappear within 24 hours.

Ingestion: Not a likely route of entry.

3 – COMPOSITION/INFORMATION ON INGREDIENTS

Product class: Woven material made with fiberglass coated with release agent.

Hazardous ingredients:

Chemical and Common Name	Max % by weight	CAS#	ACGIH/TLV
Continuous filament glass fiber	> 97%	65997-17-3	Not listed

EU SAFETY DATA SHEET

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

RELEASE EASE 234 TFP, 234 TFP-HP, 234 TFP-1, RELEASE EASE 234 TFNP, 236 TFNP

4 - FIRST AID MEASURES

Skin: Wash with soap and water. Get medical attention if irritation develops or persists.

Eyes: Immediately flush eyes with water for at least 15 minutes. Get medical attention.

Inhalation: Not a probable route of exposure. In case of accidental inhalation of fumes from overheating or combustion, remove patient from exposure. Keep warm and rested. Keep under medical review for possible development of 'Polymer Fume Fever'. Following severe exposure, the patient should be kept under medical review for at least 48 hours.

Ingestion: If swallowed, get medical attention.

5 - FIRE-FIGHTING MEASURES

Suitable extinguishing media: Carbon dioxide, foam, dry chemical.

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

Special exposure hazards arising from the substance or preparation itself, combustion products: Low fire hazard. Unlikely to ignite, except under high heat flux conditions.

Special protective equipment: 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.

Cleaning methods: This material is a solid, it will not spill. Collect the product and store into containers for disposal.

7 - HANDLING AND STORAGE

Handling: Provide proper local and general ventilation if product is heated above 275°C. Avoid contamination of tobacco products.

Storage: Store in dry and cool area. Keep original packaging tightly closed until use to prevent contamination.

8 - EXPOSURE CONTROLS/ PERSONAL PROTECTION

Exposure limit values: If in the processing there is a significant potential for the fibre itself to become airborne, an airborne exposure limit is recommended of 10 mg fibre as particulate/m³ as an 8 hour time weighted average (TWA).

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

Occupational exposure controls:

Respiratory protection: If airborne dust or fiberglass fibres exceed the TLV or if upper respiratory irritation occurs, use a respirator designed for nuisance type dusts.

Hand protection: Edges of material are sharp and can produce cuts, particularly if material is being rewound or slit at high speed. Protective gloves are recommended.

Eye protection: Use safety glasses according to EN 166 as a good general safety practice and to minimize eye contact during cutting operations. .

Hygiene measures: Wash hands before handling food and at the end of work. Remove and wash contaminated clothing before re-use.

EU SAFETY DATA SHEET

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

**RELEASE EASE 234 TFP, 234 TFP-HP,
234 TFP-1, RELEASE EASE 234 TFNP,
236 TFNP****9 - PHYSICAL AND CHEMICAL PROPERTIES**

Appearance:	Light brown to dark brown or gray, slightly stiff, coated woven fabric
Physical state:	Solid
Odor:	None.
pH:	Not applicable.
Solubility in water:	Insoluble.
Vapor pressure:	Not applicable.
Vapor density (air=1):	Not applicable.
Volatiles:	None.
Melting point/range:	Not applicable.
Flash point:	Not applicable.
Specific gravity:	No data

10 - STABILITY AND REACTIVITY

Conditions to avoid: Heating above maximum use temperature.

Materials to avoid: Strong oxidizers, acids.

Hazardous decomposition products: In case of thermal decomposition, during overheating or combustion, Hydrofluoric Acid (HF), toxic and gaseous products are produced.

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

Immediate (Accute) effects: No acute effects have been identified.

Delayed (Chronic) effects: No chronic effects have been identified.

12 - ECOLOGICAL INFORMATION

Ecotoxicity: Water hazard class: 1 = mild water pollutant

Persistence and degradability: Product is not biodegradable, nor radioactive.

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

13 - DISPOSAL CONSIDERATIONS

Disposal recommendations: Disposal of the product and the packaging must be done in compliance with local, state and federal regulations. Where possible, recycling is preferred to landfill or incineration. It contains no significant percentage of materials extractable in water so its effect on ground water in case of landfill should be negligible.

European waste key number: 101103 = Waste glass-based fibrous materials.

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

Waste key number 150102 – Plastic packaging.

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).

EU SAFETY DATA SHEET

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

RELEASE EASE 234 TFP, 234 TFP-HP, 234 TFP-1, RELEASE EASE 234 TFNP, 236 TFNP

15 - REGULATORY INFORMATION

This product was classified in compliance with the directive known as <All preparations> 88/379/EEC and its adaptations. The product as shipped is 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.