

**1 - IDENTIFICATION OF THE PREPARATION AND THE COMPANY/BUSINESS****Identification of the substance or preparation**Name of product: **BLEEDER LEASE® E****Use of the substance / preparation**

Article: Release fabrics / Peel plies

**Company / undertaking identification**

Company name: AIRTECH EUROPE Sarl

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**2 - HAZARDS IDENTIFICATION****Eyes:** May cause eye irritation when dust is generated or through direct contact.**Inhalation:** Mechanical irritation of respiratory tract may occur if dust is inhaled.**Skin:** Prolonged contact with fibrous glass or its dust may cause mild irritation and itching.**Ingestion:** Ingestion may cause temporary irritation of the digestive tract.**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
Respirable fibrous glass dust	Not known	Not assigned	5mg/m <sup>3</sup> respirable(ACGIH)

**4 - FIRST AID MEASURES****Skin contact:** Take off all contaminated clothing immediately. Flush with ample cool water followed by washing with mild soap to remove accumulated fibers. Do not rub or scratch irritated areas. Rubbing or scratching may force the fibers into the skin.**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:** If irritation occurs from contact with small particles, flush with flowing water for 15 minutes. Consult a physician if necessary.**Ingestion:** Not a probable route of exposure.

**5 - FIRE-FIGHTING MEASURES**

**Suitable extinguishing media:** Water fog, 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:** In case of thermal decomposition, carbon monoxide, carbon dioxide and other toxic gases or fumes are evolved.

**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. Fibers should be cleaned up using a vacuum cleaner or by a wet sweeping technique. Do not use compressed air. Collect the product and store into containers for disposal.

**7 - HANDLING AND STORAGE**

**Handling:** Good industrial practice in housekeeping should be followed. Avoid contact with skin and eyes. Wash hands after handling and before eating.

**Storage:** Store in dry area. Dust or loose fibres can be vacuumed or swept with the aid of a dust suppressant.

**8 - EXPOSURE CONTROLS/ PERSONAL PROTECTION**

**Exposure limit values:** If in the processing there is a significant potential for the fiber itself to become airborne, an airborne exposure limit is recommended of 10 mg fibre as particulate/m<sup>3</sup> 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:** Protective gloves according to EN 407 are required when handling hot material.

**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.

**9 - PHYSICAL AND CHEMICAL PROPERTIES**

Appearance:	Green fiberglass fabric coated with release agent
pH:	Not applicable
Solubility in water:	Insoluble.
Flash point:	Not applicable
Auto-ignition temperature (ASTM D 1929)	Not applicable
Melting point/range:	Not applicable
Boiling point:	Not applicable
Specific gravity:	Not determined
Vapor pressure (mm Hg):	Not applicable

**10 - STABILITY AND REACTIVITY**

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

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

**Hazardous decomposition products:** In case of thermal decomposition, during overheating or combustion, carbon monoxide, carbon dioxide and other toxic gases 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**

**Acute toxicity:** Not relevant

**Localised effects:** possible temporary irritations.

This irritation is of purely mechanical and temporary nature. It disappears when exposure is ended. It can affect the skin, the eyes and the upper respiratory tracts. In Europe, mechanical irritation is not considered to be a health hazard within the terms of European directives 67/548/EEC for hazardous products. This is confirmed by the fact that EC Directive 97/69/EC for mineral fibers does not stipulate the need to use an Xi (irritant) label nor classification for continuous glass fibers.

**Long term toxicity & carcinogenic risks**

None of the following official organizations have attributed any risks of cancer during the production and use of continuous glass fibers:

During its congress in June, 1987, World Health Organization (WHO) through the IARC (International Agency of Research on Cancer) examined all laboratory studies using animals and epidemiological studies carried out on continuous glass fibers. The conclusion was that glass filaments are not classified as to their carcinogenicity. They belong to the Group 3 of IARC. This classification has been confirmed by the IARC Working Group during his meeting in October 2001.

The International Labor Office (ILO) and the CSIP (Chemical Safety International Program) came to the same conclusions in a congress held in 1987.

European Commission Directive 97/69/EC dated 5/12/97, the 23<sup>rd</sup> amendment to Directive 67/548/EEC which concerns classification, packing and labeling of hazardous substances did not think it is necessary to include glass fibers as having carcinogenic risks.

**Mutagenic risks, teratogenic risks, risks for reproduction:** continuous glass fibers have no known risks.

**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).

### 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.

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