

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

Article: Miscellaneous

Company / undertaking identification

Company name: AIRTECH EUROPE Sarl

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Poses little or no immediate hazard. Flammable vapors are produced on storage.

Eye contact: Dust may cause irritation or eye injury due to mechanical action. Fumes generated under heat may cause eye irritation.**Skin contact:** Non-irritating to skin. Skin absorption is unlikely.**Inhalation:** Dust may cause irritation to the nose, throat and lungs. Concentrations of the isobutane blowing agent incidental to proper handling of the product are expected to be well below the ACGIH exposure limit of 800 ppm. Fumes generated under heat may cause respiratory irritation.**Ingestion:** Not a probable route of exposure.**3 – COMPOSITION/INFORMATION ON INGREDIENTS****Product class:** Flexible plastic foam

Polyethylene CAS # 9002-88-4 75-100 %

Hazardous ingredients:

EC No # 2008572 CAS # 75-28-5

Isobutane: Concentration $\geq 0.00\%$ and $< 10.00\%$. Symbol: F+ R: 12**4 - FIRST AID****Eye contact:** Flush eyes with clean, lukewarm water occasionally lifting eyelids.**Skin contact:** Wash with soap and water.**Inhalation:** Remove to fresh air. If not breathing, give artificial respiration. Oxygen may be given by qualified personnel if breathing is difficult. Get medical attention.**Ingestion:** Not a likely route of exposure. Consult an physician if swallowed.**5 - FIRE-FIGHTING MEASURES****Suitable extinguishing media:** Water fog, carbon dioxide, foam, dry chemical. Use water spray to cool fire exposed surfaces.**Extinguishing media which must not be used for safety reasons:** High power water jet.

EDGEGUARD

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: In the event of fire, wear a self-contained breathing apparatus and complete personal protective equipment.

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

Special Precautions: Flammable vapors of isobutane may be generated unventilated storage of large amounts of this product (for example, in storage trailers.)

WARNING: To prevent the build-up of flammable vapors, do not store large quantities of this product in unventilated spaces. Transport bulk shipments of the product in ventilated trailers only. Exercise caution when opening vehicles containing this polyethylene foam to avoid all possible sources of ignition (lit tobacco products, sparks, etc.) near the foam and vehicle.

WARNING: To prevent potential fire or explosion, do not weld or apply intense heat to closed containers which contain this product. Open closed containers in a well-ventilated area away from sparks or open flames.

WARNING: This product is combustible and should not be exposed to sparks or open flames. Large quantities of this product can burn rapidly and release toxic gases, including carbon monoxide.

WARNING: Fabrication methods is involving cutting of this product may release isobutane remaining in the foam cell structure. Provide adequate ventilation to ensure that isobutane concentrations remain below the ACGIH Threshold Limit Value (TLV) of 800 ppm and the possibility of developing flammable or hazardous concentrations.

8 - EXPOSURE CONTROLS/ PERSONAL PROTECTION

Control parameters: No exposure limits have been established for the product as a whole.

Exposure limits for isobutane: 800 ppm TWA (ACGIH).

Exposure controls: Provide general and/or local exhaust ventilation to control airborne isobutane levels below the ACGIH RLV of 800 ppm.

Occupational exposure controls:

Respiratory protection: No protection is required if isobutane levels are maintained below the ACGIH TLV of 800 ppm. For exposures above the TLV, take into consideration the type of application, environmental concentrations and materials being used concurrently when selecting a respirator.

Skin protection: None required.

Eye protection: Not a probable route of exposure. Use safety glasses according to EN 166 as a good general safety practice.

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

9 - PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Flexible plastic foam
Odor:	None
pH:	Not applicable
Solubility in water:	Insoluble.
Vapor pressure:	Not applicable

EDGE GUARD

Vapor density:	Not applicable
Flash point:	Polyethylene: Not applicable Isobutane: -84°C
Melting point/range:	105-115°C
Density:	20-560 kg/m ³

10 - STABILITY AND REACTIVITY

Conditions to avoid: Heating above 204°C.

Materials to avoid: Avoid flame, very high temperatures.

Hazardous decomposition products: In case of thermal decomposition, carbon monoxide, carbon dioxide and toxic gases or fumes are evolved.

Additional information: Product is stable under the handling and storage conditions recommended per § 7 of the safety data sheet.

11 - TOXICOLOGICAL INFORMATION

See section 3 for potential health effects. Other toxicological data are not available.

12 - ECOLOGICAL INFORMATION

This product is inert to the environment and is not expected to exhibit any significant biodegradation.

13 - DISPOSAL CONSIDERATIONS

Waste may be recycled or buried in an approved landfill. Follow all regulatory requirements for disposal.

14 - TRANSPORT INFORMATION

WARNING: Transport bulk shipments of the product in ventilated trailers only. Exercise caution when opening vehicles containing this polyethylene foam to avoid all possible sources of ignition (lit tobacco products, sparks, etc.) near the foam and vehicle.

Not regulated under transport regulations (ADR for road, RID for rail, IMDG for sea and ICAO/IATA for air transport).

Technical shipping name: Polyethylene plastic foam.

15 - REGULATORY INFORMATION

This product was classified in compliance with the directive known as <All preparations> 88/379/EEC and its adaptations. It is not subject to labeling according to EC directives.

16 - OTHER INFORMATION

This bulletin cannot cover all possible situations 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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