



MSDS: Material Safety Data Sheet

PRODUCT IDENTIFICATION

Trade Name and Synonyms	Foam Closure Strip, Part # R79323
Chemical Name and Synonyms	All polyolefin products
Chemical Family	Polyolefin Thermoplastics
DOT Hazard Classification	Not regulated

COMPOSITION/INFORMATION ON INGREDIENTS

Polyethylene CAS #00902-8804 (75-100%)
Hazardous Ingredients: Isobutane 000075-20-5 (0-10%)

HAZARDS IDENTIFICATION

Threshold Limit Value (TLV)	
Primary Route of Entry	White or colored solid; poses little or no immediate hazard. Flammable vapors are produced on storage. Toxic fumes are released in fire situations. Appearance: Flexible plastic foam. Odor: None. Dust may cause irritation or eye injury due to mechanical action. Fumes/vapors emitted during hot-wire cutting may cause eye irritation.

PHYSICAL DATA

Boiling Point	Not applicable
Vapor Pressure	Not applicable
Vapor Density	Not applicable
Specific Gravity (water=1)	0-35 lb/ft ³
% Volatile (by volume)	Not applicable
Solubility in Water	None
Appearance and Odor	Flexible solid. No odor. Residual isobutane is colorless, with a gasoline-like or natural gas odor. Butane is reported to be detectable by odor at a range of 1262-5048 ppm (AIHA, 1989).

FIRST AID MEASURES

Inhalation of Dust	Dust may cause irritation to the nose, throat and lungs. Fumes/vapors generated during hot-wire cutting may cause respiratory irritation. Concentrations of the isobutane blowing agent incidental to proper handling of the product are expected to be well below the ACGIH recommended exposure limit of 800 ppm.
Prolonged Skin Contact	Wash with soap and water.
Eye Contact	Flush eyes with clean, lukewarm water (low pressure) occasionally lifting eyelids.
Ingestion of Dust	Remove victim to fresh air. If not breathing, give artificial respiration. Oxygen may be given by qualified personnel if breathing is difficult. Seek medical attention.

FIRE AND EXPLOSION DATA

Flash Point	-117°F (isobutane)
Extinguishing Media	Water is recommended.
Fire Fighting Procedures	Full emergency equipment with pressure demand self-contained breathing apparatus and full protective clothing should be worn by firefighters. During a fire, irritating and highly toxic gases may be generated by thermal decomposition or combustion.

Unusual Fire

To prevent the build-up of flammable vapors, do not store large quantities of this product in unventilated space. Transport bulk shipments of the product in ventilated trailers only.

Explosion Hazards

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. 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. Fabrication methods 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 Lower Flammable Line of 1.8% in air by volume to protect workers and eliminate the possibility of developing flammable or hazardous concentrations.

REACTIVITY DATA**Stability and Incompatibility**

Stable

Hazardous Decomposition Products

Hazardous polymerization will not occur. Incompatibilities include strong oxidizing agents. Carbon monoxide and other toxic gases are generated under combustion conditions

ENVIRONMENTAL INFORMATION**Handling and Storing Precautions**

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

Miscellaneous

Do not eat or drink in fabrication areas.

Spill or Leak Procedures

This product is a non-hazardous waste when spilled or disposed of, as defined in Resource Conservation and Recovery Act (RCRA) regulations (40 CFR 261).

Waste Disposal

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

PERSONAL PROTECTION INFORMATION**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. Observe OSHA regulations for respirator use (29 CFR 1910.134).

Eye Protection

Wear tight-fitting safety goggles if there is a potential for exposure to flying particles.

Skin Protection

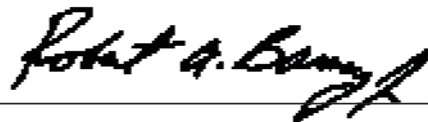
No special precautions.

Other Protective Equipment

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

The above is accurate to the best of our knowledge. However, since data, safety standards and government regulations are subject to change, and the conditions for use or misuse are beyond our control, CRANE COMPOSITES MAKES NO WARRANTY, EITHER EXPRESS OR IMPLIED, ABOUT THE COMPLETENESS OR CONTINUING ACCURACY OF THE INFORMATION CONTAINED HEREIN, AND DISCLAIMS ALL LIABILITY FOR RELIANCE THEREON. User should be satisfied that he/she has all current data relevant to his/her particular use.

APPROVED BY _____



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