

1.) IDENTIFICATION

Product identifiers

Product name: Fiber Reinforced LaserFoam

Relevant identified uses of the substance or mixture and uses advised against

Identified uses: Fiberglass Reinforced Polyurethane Foam Board. For industrial and professional use only.

Details of the supplier of the safety data sheet

Freeman Manufacturing & Supply Company
1101 Moore Road, Avon, OH 44011 U.S.A.
Phone: (440) 934-1902
E-mail: contactus@freemansupply.com

Emergency Telephone: +1-800-321-8511

2.) HAZARDS IDENTIFICATION

2.1. Classification in accordance with REACH and 29 CFR 1910.1200

H316 Causes mild skin irritation
H319 Causes serious eye irritation
H335 May cause respiratory irritation

2.2. Label elements



Signal Word: Warning

Precautionary statements

P202 Do not handle until all safety precautions have been read and understood
P210 Keep away from heat, hot surfaces, sparks, open flames, and other ignition sources - No smoking
P261 Avoid breathing dust/fume/gas/mist/vapors/mist
P262 Do not get in eyes, on skin, or on clothing
P264 Wash thoroughly after handling
P284 [In case of inadequate ventilation] wear respiratory protection
P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses. If present and easy to do. Continue rinsing
P303+361+353 IF ON SKIN (or hair) take off immediately all contaminated clothing . Rinse skin with water/shower
P361 Take off immediately all contaminated clothing

2.3. Other hazards

None known

3.) COMPOSITION / INFORMATION ON INGREDIENTS

Description	CAS Number	Concentration
Polyurethane foam	9009-54-5	60-95%
Glass fibers (Nuisance particles. Non-Respirable) "A" glass fibers (continuous filament - non-Respirable)	65997-17-3	5-45%
Woven fiberglass fabric (continuous filament - non-Respirable)		

4.) FIRST AID MEASURES

4.1. General Advice: Remove contaminated clothing

If on skin: Wash affected areas thoroughly with soap and water. If irritation develops, seek medical attention. If glass fibers become imbedded, seek medical attention

If in eyes: In case of contact with eyes, rinse immediately for at least 15 minutes with plenty of water. If eye irritation persists seek medical attention.

5.) FIRE-FIGHTING MEASURES

5.1. Extinguishing media

Suitable extinguishing media: Water, carbon dioxide, foam

5.2. Special hazards arising from the substance or mixture

If product is heated above decomposition temperature, toxic vapors will be released. By products of combustion would be CO, CO₂, hydrogen cyanide, carbon particulate, hydrogen, and glass fibers.

5.3. Advice for firefighters

Firefighters should be equipped with self-contained breathing apparatus and turn-out gear.

6.) ACCIDENTAL RELEASE MEASURES

6.1. Personal precautions, protective equipment and emergency procedures

See Section 8 for Personal protective equipment.

6.2. Environmental precautions

No special measures are necessary.

6.3. Methods and materials for containment and cleaning up

Take up mechanically, placing in appropriate containers for disposal.

7.) HANDLING AND STORAGE

7.1. Precautions for safe handling

Wear protective clothing, gloves, and eye protection

No explosion proofing necessary

Avoid deposition of dust. No special precautions necessary

7.2. Conditions for safe storage, including any incompatibilities

No data available

8.) EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1. Control parameters

Provide local exhaust ventilation to control dust

8.2. Personal protective equipment

Respiratory protection: Wear NIOSH-certified 95 mask (or better) where adequate ventilation cannot be guaranteed, especially if cutting, sanding, and/or grinding

Hand protection: Working gloves

Eye protection: Eye protection as appropriate for method of cutting, sanding and/or grinding

General safety and hygiene measures: Handle in accordance with good industrial hygiene and safety practice. Wear protective clothing, gloves, and eye protection. Wash soiled clothing immediately.

9.) PHYSICAL AND CHEMICAL PROPERTIES

Physical state:	solid, board/block
Color:	gray
Odor:	odorless
pH:	not available
Flash point:	not available
Flammability:	Flammable if exposed directly to flame
Ignition Temperature:	400°F
Auto igniting:	May auto ignite in temperatures over 1,000°F
Danger of explosion:	May occur in areas of high concentration of airborne dust
Solubility:	not soluble in water

10.) STABILITY AND REACTIVITY

10.1. Reactivity:	No information available
10.2. Chemical stability:	The product is stable.
10.3. Decomposition products	
Polyurethane:	Hazardous decomposition products: carbon monoxide, carbon dioxide, hydrogen cyanide, ether, esters, ketones
Glass fibers:	Fiberglass alone will not burn, but smoking of the binder/sizing content of the product may occur in temperature of the environment exceeding +400° F. These same ingredients will release carbon monoxide and carbon dioxide in a sustained fire situation. Additional trace ingredient releases can occur under similar circumstances but cannot be predicted as they may vary in each situation.
Thermal decomposition:	Will decompose to a liquid at high temperatures whilst burning
10.4. Condition to avoid:	>300° Fahrenheit. Avoid extreme heat. Avoid all sources of ignition: heat, sparks, and open flame
10.5. Incompatible materials:	No information available No corrosive effect of metal

11.) TOXICOLOGICAL INFORMATIONS

11.1. Information on toxicological effects	
Acute toxicity:	no data available
Irritation/corrosion:	dust particles are mechanically irritating eyes
Sensitization:	classification criteria are not met
Carcinogenicity:	classification criteria are not met
Aspiration hazard:	classification criteria are not met

12.) ECOLOGICAL INFORMATION

12.1. Toxicity:	not available
12.2. Persistence and degradability:	not degradable
12.3. Bio accumulative potential:	not available
12.4. Mobility in soil:	not available
12.5. Results of PBT and vPvB assessment:	not available

13.) DISPOSAL CONSIDERATIONS

13.1	Dispose in compliance with local regulations. Recycling should be preferred to disposal.
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14.) TRANSPORT INFORMATION

14.1 Not regulated for transport in any mode.

15.) REGULATORY INFORMATION

15.1. Safety, health and environmental regulations specific for the substance or mixture
All components are listed or exempted on EPA Toxic Substances Control Act TSCA.
All ingredients are listed on the Canadian Domestic Substances List (DSL).

16.) OTHER INFORMATION:

Classification Systems: NFPA/HMIS Definitions: 0-Least, 1-Slight, 2-Moderate, 3-High, 4-Extreme

NFPA ratings (scale 0 -4)



Health = 1
Fire =1
Reactivity=0

HMIS -ratings (scale 0 - 4)



1 Health = 1
1 Fire =1
0 Reactivity=0

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