

Material Safety Data Sheet

Product name: Open Cell Polyurethane Foam

SECTION 1: PRODUCT IDENTIFICATION

1.1 Product Identifier

Flexible Polyurethane Foam

1.2 Recommended Use of the Material

As a cushioning component

1.3 Details of the Supplier of the Safety Data Sheet

Company Information: Foam N' More, Inc.
1177 W. Maple Rd
Clawson, MI 48017
Tel: (248) 284-0002
Fax: (248) 284-0008

Date Prepared: 2/17/2022

SECTION 2: HAZARD IDENTIFICATION

2.1 Classification of the substance or mixture

This material is not classified as hazardous under the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200).

2.2 GHS Label Elements

This material is not classified as hazardous under the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200).

2.3 Hazards not otherwise classified

None identified

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.1 Substance

Chemical Family:	Flexible Polyurethane Foam		
Product Category:	Polyether foam products		
Polyurethane Foam	<u>CAS #</u>	<u>% by Weight</u>	<u>OSHA PEL/ACGIH TLV</u>
	9009-54-5	100%	None Established

3.2 Mixtures

This material does not meet the criteria of a mixture under the United Nations Globally Harmonized System of Classification and Labelling of Chemicals (GHS).

SECTION 4: FIRST AID MEASURES

4.1 Description of First Aid Measures

Routes of Entry: Inhalation – Foam dust
Coarse dust can cause mechanical irritation of lungs and eyes. Airborne dust is evaluated as a nuisance dust. If ignited, foam may decompose and emit toxic gases and respiratory irritants.

Eye – Foam dust
Coarse dust can cause mechanical irritation to the eyes. If exposed, avoid rubbing eyes.

Emergency First Aid Procedures: Inhalation: Remove to fresh air; contact physician if respiratory discomfort persists.

Eyes: Flush eyes with water for 15 minutes

Skin: None necessary
Ingestion: None necessary

4.2 Most Important Symptoms and Effects, Acute and Chronic

This material is not classified as hazardous under the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200).

SECTION 5: FIREFIGHTING MEASURES

5.1 Extinguishing Media

Suitable Extinguishing Media: Dry Chemical; Water; Carbon Dioxide

Unsuitable Extinguishing Media: None

5.2 Special Hazards Arising from the Substance

If ignited, foam can produce rapid flame spread, intense heat, dense black smoke, and toxic gases. Material can melt into a burning liquid that can drip and flow.

Hazardous Decomposition Products: Carbon monoxide; acetaldehyde, acrylonitrile, TDI, polymer fragments, oxides of nitrogen and hydrogen cyanide. Fire Retardant foams may generate emissions of hydrogen chloride, hydrogen bromide, hydrogen fluoride or phosphoric acid.

5.3 Special Protective Actions for Firefighters

Wear self-contained breathing apparatus (SCBA) and protective firefighting clothing in enclosed areas. Spray cool water on adjacent buildings to reduce risk of further material igniting.

SECTION 6: ACCIDENTAL RELEASE MEASURES

No special response required

SECTION 7: HANDLING AND STORAGE

7.1 Precautions for Safe Handling

Material requires no special handling domestically, but the following is recommended for industrial processing:

Ventilation: Local exhaust ventilation is recommended for those processing procedures that may generate foam dust and decomposition products. Examples of these processes include sawing, grinding, buffing, and flame lamination, hot wire cutting, heat sealing and hot stamping.

Respiratory Protection: Should be selected based on identity and concentration of air contaminant. Only NIOSH-approved respirators for protection against the air contaminant of concern should be used.

Eye Protection: Recommended for those processing operations that may generate dust.

7.2 Conditions for Safe Storage, including any Incompatibilities

Storage: Keep away from all sources of ignition, such as open flames; strong oxidizers (e.g., hypochlorites), etc. Do not store foam near any ignition sources such as exposed electrical or gas heating elements, open flames, and exposed lights. Do not smoke in foam storage areas. It is recommended that warehousing of bun stock, sheets, rolls and fabricated items should be stored under a fusible sprinkler system with a minimum of six feet clearance between stacks of foam and the sprinkler heads. Do not allow foam scrap and cuttings to accumulate and maintain clear aisles with adequate access to all storage areas and exits.

Incompatibility: Strong oxidizing acids – will degrade

Other Precautions: Notify local fire companies of presence of large quantities of foam.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Control Parameters

None established

8.2 Exposure Controls

Avoid breathing foam dust when cutting or abrading, wear suitable PPE.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on Physical and Chemical properties

Physical form	Uniform cellular solid structure of varying colors with slight characteristic odor.		
Boiling Point:	Not Applicable	Density:	0.5-4.0 lbs./cu.ft.
Vapor Pressure (mm Hg):	Not Applicable	Melting Point:	350-375° F
Vapor Density:	Not Applicable	Evaporation Rate:	Not Applicable
Flash Point:	Decomposition products flash at >500°F	LEL:	None
Flammable Limits:	Not Applicable		
Solubility in Water:	Insoluble		

9.2 Other Information

Classification:	Combustible Solid
NFPA Sprinkler Classification:	Extra Hazard
	No additional information available

SECTION 10: STABILITY AND REACTIVITY

10.1 Reactivity

No dangerous reactions known under normal conditions of use

10.2 Chemical Stability

Stable under normal temperatures and pressures

10.3 Possibility of Hazardous Reactions

No hazardous reactions known under normal conditions of use or storage

Spontaneous Combustion: Will Not Occur

10.4 Conditions to Avoid

All sources of ignition

10.5 Incompatible Materials

Strong oxidizing materials (e.g., hypochlorites), strong alkalis.

SECTION 11: TOXICOLOGICAL INFORMATION

11.1 Acute Toxicity

Based on available information, this material does not pose any proven skin, eye, respiratory or cell mutagenicity effects under normal conditions of use.

Carcinogenicity:	NTP:	No
	IARC Cancer Review:	No
	OSHA Regulated:	No
Medical Conditions Aggravated by Exposure:		None Known

SECTION 12: ECOLOGICAL INFORMATION

12.1 Ecotoxicity

Based on available information, this material is not expected to cause effects in the aquatic environment

12.2 Persistence and Degradability

Based on available information, this material will break down harmlessly with exposure to sunlight in the environment

12.3 Bioaccumulative Potential

No data available

12.3 Bioaccumulative Potential

No data available

12.4 Mobility in Soil

No data available

12.5 Other Adverse Effects

No data available

SECTION 13: DISPOSAL CONSIDERATIONS

13.1 Waste Disposal Method

Product Waste: Federal, state, and local authorities should be contacted before attempting any form of disposal. All disposal methods must be in compliance with Federal, State/Provincial and local regulations.

Packaging Waste: Federal, state, and local authorities should be contacted before attempting any form of disposal. All disposal methods must be in compliance with local, Federal, State/Provincial and National/International regulations.

SECTION 14: TRANSPORT INFORMATION

14.1 US DOT

Not regulated as hazardous for shipment.

SECTION 15: REGULATORY INFORMATION

15.1 Regulatory Status

CERCLA Hazardous Substances (40 CFR 302): None reportable

SARA 311/312

None reportable

SARA 313

None reportable

15.2 US State Regulations

STATE RIGHT-TO-KNOW: to the best of our knowledge, this material contains no chemical known to the State of California to cause cancer, birth defects or other productive harm (California Health & Safety Code Section 25249.6)

15.3 Canadian Regulations

DSL: All components of this material are listed on, or exempt from, the DSL.

WHMIS Information: Not a "Controlled Product" under WHMIS

15.4 International Inventories

United States This material is not required to be listed on the TSCA Inventory

REACH Polyurethane foam is considered an "article" under the European REACH Regulations and so is not subject to those regulations. However, based on the latest information available to us from our chemical suppliers (whose products are subject to REACH), they assure us that all the materials they produce for us to make our PU foam do not contain any of the Substances of Very High Concern (SVHC) listed by the European Chemicals Agency under the REACH Regulations. That means that even if our foam had to comply, it would do so.

SECTION 16: OTHER INFORMATION

16.1 NFPA Rating

Health: 0

Flammability: 0

Reactivity: 0

SECTION 17: INFORMATION FOR THE USER AND THE USER'S RESPONSIBILITY

Terms such as "fire retardant", "slow burning" and "flame resistant" describe certain flammability properties and should not be regarded as denoting fire safety under all conditions. Small-scale fire tests are not intended to reflect hazards presented by these or any other material under real fire conditions.

Thermal decomposition products from polyurethane foams can be toxic and present a risk to humans who are exposed. This is true for all organic materials. Fire risks in varying degrees are common to all fires: heat, carbon monoxide, other toxicants, oxygen depletion and smoke. In fires involving polyurethane foam, particularly flexible foams, large quantities of dense smoke can be generated quickly.

Personnel involved in firefighting should wear self-contained breathing apparatus and be aware of the exposure to toxic and potentially lethal gases. Standard fire-fighting equipment generally employed by authorized firemen is mandatory.

An SDS such as this cannot be expected to cover all possible individual situations. The user has the responsibility to provide a safe workplace. All aspects of an individual operation should be examined to determine if, or where precautions, in addition to those described herein, are required. Any health hazard information contained herein should be passed on to your employees.

The information contained herein is, to the best of our knowledge and belief, accurate. However, since the conditions of handling and use are beyond our control, we make no guarantee of results and assume no liability for damages incurred by the use of this material. All materials may present unknown health hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist. Final determination of suitability of this material is the sole responsibility of the user. No representations or warranties, either expressed or implied, of merchantability, fitness for a particular purpose or any other nature are made hereunder with respect to the information contained herein or the material to which the information refers. It is the responsibility of the user to comply with all applicable federal, state and local laws and regulations.