



Carlisle Spray Foam Insulation Safety Data Sheet

1. Identification of Substance:

Product Name: RIGID POLYURETHANE/ POLYISOCYANURATE FOAM

Supplier Identification:
Carlisle Spray Foam Insulation

Telephone:
(770) 607-0755

Address:
100 Enterprise Dr.
Cartersville, GA 30120

24-Hr. Emergency Phone Number:
CHEMTREC (800) 424-9300
International: (703) 527-3887

Product Use: Cured polyurethane foam for construction uses

2. Hazards Identification

GHS Ratings: N/A

GHS Hazards: N/A

GHS Precautions: N/A

Signal Word: N/A

There are no GHS ratings that apply to this product at this time.

This product is classified as an article under the OSHA Hazard Communication Standard 29 CFR 1910.1200(c) Article means a manufactured item other than a fluid or particle: (i) which is formed to a specific shape or design during manufacture; (ii) which has end use function(s) dependent in whole or in part upon its shape or design during end use; and (iii) which under normal conditions of use does not release more than very small quantities, e.g., minute or trace amounts of a hazardous chemical (as determined under paragraph (d) of this section), and does not pose a physical hazard or health risk to employees.

3. Composition/Data on Components:

Chemical Name	CAS number	Weight Concentration %
Cured Polyurethane/polyisocyanurate foam	N/A	100

4. First Aid Measures:

Inhalation: Not expected to pose an inhalation hazard.

After Eye Contact: Rinse opened eye for at least 15 minutes under running water. Remove contact lenses if present and easy to do so, and continue rinsing. If irritation persists contact physician.

After Skin Contact: Clean affected area with soap and plenty of water. Ordinary means of personal hygiene are adequate.

After Swallowing: Consult physician.

Notes to Physician: Treat symptomatically. Not expected to require any special measures.

5. Fire Fighting Measures:

Flash Point: N/A

LEL: N/A

UEL: N/A

Upper and Lower Explosive Limits listed if known.

Suitable Extinguishing Agents: Water spray, CO₂, Foam, Dry chemical

Information about Protection against Explosions and Fires: No unusual hazards expected.

Dangerous products of decomposition: Oxides of carbon, oxides of nitrogen, oxides of phosphorus, hydrocarbons, thick black smoke, Isocyanates, traces of HCN.

Protective equipment: Firefighters should wear pressure demand self-contained breathing apparatus and protective clothing.

6. Accidental Release Measures:

Person-related safety precautions: Avoid inhaling dusts.

Measures for environmental protection: Collect for proper disposal according to local, state, and federal regulations.

7. Handling and Storage:

Information for Safe Handling: Avoid inhaling dusts. Wash skin after contact.

Storage Requirements: Keep away from flames and sources of heat.

8. Exposure Controls and Personal Protection:

Chemical Name / CAS No.	OSHA Exposure Limits	ACGIH Exposure Limits	Other Exposure Limits
Cured Polyurethane/polyisocyanurate foam / N/A	Not Established	Not Established	Not Established

Engineering Controls: No specific measures expected.

General protective and hygienic measures: No additional precautionary measures should be expected other than standard personal protective equipment for handling inert articles requiring moderate physical labor.

Personal Protective Equipment:

Respiratory Protection: None expected.

Hand Protection: Protective gloves standard in a normal work environment.

Eye Protection: Safety glasses.

Body Protection: Protective work clothing. Launder separately.

9. Physical and Chemical Properties:

Physical properties listed where known.

Appearance: Off white solid	Odor: Mild
Vapor Pressure: N/A	Odor threshold: N/A
Vapor Density: N/A	pH: N/A
Density: N/A	Melting point: N/A
Freezing point: N/A	Solubility: N/A
Boiling range: N/A	Flash point: N/A
Evaporation rate: N/A	Flammability: N/A
Explosive Limits: N/A	Partition coefficient N/A (n-octanol/water):
Autoignition temperature: N/A	Decomposition temperature: N/A

10. Stability and Reactivity:

Chemical Incompatible Materials: None known.

Hazardous Polymerization: Not expected to occur.

Dangerous products of decomposition: Oxides of carbon, oxides of nitrogen, oxides of phosphorus, hydrocarbons, thick black smoke, Isocyanates, traces of HCN.

11. Toxicological Information:

Mixture Toxicity

Individual Toxicity Values Listed if Known

Acute Toxicity:

Eyes: Possible irritation

Skin: Possible irritation

Inhalation: Possible irritation.

Ingestion: Possible irritation.

Chronic Effects: None known.

Routes of Entry: Inhalation, skin contact, eye contact

Target Organs: Skin, eyes, respiratory tract

Chemicals with Known or Possible Carcinogenic Effects: None known.

12. Ecological Information:

General Information: Based on experience, no adverse effects are to be expected if correct disposal procedures have been followed as indicated in section 13. Individual component ecotoxicity listed if known.

13. Disposal Considerations:

Recommendation: Observe local requirements. Dispose of in accordance with local/state/federal regulations.

14. Transport Information:

Not considered a dangerous good according to transport regulations unless specifically cited below:

<u>Agency</u>	<u>Proper Shipping Name</u>	<u>UN Number</u>	<u>Packing Group</u>	<u>Hazard Class</u>
	No data available			

15. Regulatory Information:

OSHA HAZARD COMMUNICATION STANDARD: This material is not classified as hazardous in accordance with OSHA 29 CFR 1910.1200.

SARA 311/312 Hazard Categories: None.

**California Proposition 65
(Safe Drinking Water and Toxic Enforcement Act of 1986)**

This product contains no substances known to the State of California to cause cancer, birth defects or other reproductive harm, at levels which would require a warning under the statute unless otherwise listed:

Warning: This product contains chemicals known to the State of California to cause cancer and/or birth defects or other reproductive harm:

- None

Massachusetts Right To Know List:

- None

New Jersey Right To Know List:

- None

Pennsylvania Right To Know List:

- None

SARA 302 Extremely Hazardous Substances:

- None

Chemicals subject to SARA 313 Reporting:

- None

<u>Country</u>	<u>Regulation</u>	<u>All Components Listed</u>
Canada	Canada DSL	Yes
US	Toxic Substances Control Act	Yes

16. Other Information:

Safety Data Sheet issued by Product Safety Department

Polyurethane elastomers are fully reacted polymers forming articles which are not considered hazardous under OSHA's criteria in 29 CFR 1910.1200.

This information is furnished without warranty, expressed or implied, except that it is accurate to the best knowledge of Carlisle Spray Foam Insulation. The data on these sheets relates only to the specific material designated herein. Carlisle Spray Foam Insulation assumes no legal responsibility for use or reliance upon this data. It is the user's responsibility to ensure that their activities comply with federal, state, or local laws.

Date revised: 1/9/19

Reviewer Revision 0

Date Prepared: 1/9/19