



# SAFETY DATA SHEET According to GHS

PO Box 1528 • Mount Airy, NC 27030-1528  
800.346.8229 • [www.NCFI.com](http://www.NCFI.com)

## Section 1: Identification

### Product Identifier

Trade Name: All Grades NCFI Geotechnical Foam  
Chemical Name: Urethane Polymer  
Recommended Use: Polyurethane  
Restrictions on Use:

### Chemical Manufacturer Information

Name: NCFI Polyurethanes  
Address: 1515 Carter St Mount Airy, NC 27030  
Website: [www.NCFI.com](http://www.NCFI.com)

Phone: (800) 346-8229  
Fax: (336) 789-9586  
Emergency Phone: CHEMTREC: 800-424-9300 Toll Free

## Section 2: Hazard Identification

### Classification of the substance or mixture:

GHS Classification:	
• Skin irritation, Category 4	• Eye irritation, Category 3

### GHS Labeling:

Hazard Statements:	
• Dust may cause eye irritation	• Dust may cause respiratory irritation

Precautionary Statements:	
• Do not breathe dust	• Wear protective gloves/eye protection/face protection
• IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.	

### Other Hazards:

- Rigid foam dust from fabricating operations is an irritant and is flammable. Dust should be collected at the point of generation and stray dust should be regularly swept up.
- Large amounts of rigid polyurethane foam assembled in one place, such as for processing into finished products or in storage, present a potential fire hazard. Once ignited, these foams may spread flame rapidly and produce intense heat, dense smoke and toxic gases. Raw foam and fabricated items should be stored indoors, away from fabricating operations, and be protected by automatic sprinklers. Access aisles should be maintained between foam piles.

## Section 3: Composition

### Hazardous Components

Type of product: Substance

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## Section 4: First Aid Measures

<b>Inhalation:</b>	Move to fresh air if symptoms develop. If breathing is difficult, give oxygen and call physician.
<b>Eye Contact:</b>	Flush with water for at least 15 minutes. See a physician if irritation develops.
<b>Ingestion:</b>	N/A.
<b>Most Important symptoms and effects, acute and delayed:</b>	Acute Eye or respiratory irritation, characterized by eye watering, coughing or sneezing. Treat symptomatically.
<b>Indication of immediate medical attention and special treatment, if applicable:</b>	N/A
<b>Skin Contact:</b>	Wash with soap and water.

## Section 5: Fire-Fighting Measures

<b>Suitable extinguishing media:</b>	Water, dry chemicals, CO <sub>2</sub>
<b>Unsuitable extinguishing media:</b>	None
<b>Special hazards arising from the chemical:</b>	None
<b>Precautions for fire-fighters:</b>	A self-contained breathing apparatus should be worn to protect against toxic and irritating vapors.

## Section 6: Accidental Release Measures

<b>Personal precautions, protective equipment, and emergency procedures:</b>	Remove ignition sources. Wear eye and respiratory protection from dust.
<b>Environmental precautions:</b>	None
<b>Methods and material for containment and cleanup:</b>	Waste material should be disposed of under conditions which meet federal, state, and local environmental regulations.

## Section 7: Handling and Storage

<b>Precautions for safe handling:</b>	N/A.
<b>Conditions for safe storage, including any incompatibilities:</b>	N/A

## Section 8: Exposure Controls and PPE

### Exposure Limits

Component:	Type	Value
Polyurethane Foam		None

<sup>1</sup>Not listed as a carcinogen (NTA, IARC, OSHA)

### Exposure Controls

<b>Respiratory Protection:</b>	Dust mask when fabricating or cutting.
<b>Hand, eye, skin, body protection:</b>	Avoid getting in eyes and wear goggles or safety glasses when appropriate.

## Section 9: Physical and Chemical Properties

### Basic chemical and physical properties

<b>Appearance:</b>	Solid	<b>Flammability:</b>	N/A
<b>Color:</b>	Tan or other characteristic color	<b>Upper/lower flammability or explosive limits:</b>	N/A
<b>Odor:</b>	Slight	<b>Vapor pressure:</b>	N/A
<b>Odor threshold:</b>	N/A	<b>Vapor density:</b>	N/A
<b>pH:</b>	N/A	<b>Relative density:</b>	0.005 – 0.32g/mL
<b>Melting pt/freezing pt:</b>	N/A	<b>Solubility(ies):</b>	Insoluble
<b>Boiling pt/boiling range:</b>	N/A	<b>Partition coefficient (n-octanol/water):</b>	N/A
<b>Flash point:</b>	N/A	<b>Auto-ignition temperature:</b>	>700°F
<b>Evaporation rate:</b>	Slower than ether	<b>Decomposition temperature:</b>	>300°F

## Section 10: Stability and Reactivity

<b>Chemical stability:</b>	Stable
<b>Possibility of hazardous reactions:</b>	N/A
<b>Conditions to avoid:</b>	Avoid temperatures above 800°F.
<b>Incompatible materials:</b>	N/A
<b>Hazardous decomposition products:</b>	When foam burns it produces a large volume of dense smoke that presents a major hazard in that it can cause panic and disorientation and inhibit ability to escape.

## Section 11: Toxicological Information

<b>Acute toxicity:</b>	May cause skin irritation or respiratory irritation
<b>Chronic toxicity:</b>	Not available
<b>Likely routes of exposure:</b>	Skin or inhalation of dust
<b>Symptoms related to physical, chemical and toxicological characteristics:</b>	May cause skin irritation or respiratory irritation
<b>Delayed and immediate effects and chronic effects from short and long-term exposure:</b>	Watering eyes, irritation; coughing or sneezing from dust.
<b>Numerical toxicity measures:</b>	Not available

## Section 12: Ecological Information

<b>Ecotoxicity:</b>	Not a marine pollutant
<b>Persistence and degradability:</b>	No known significant effects
<b>Bioaccumulative potential:</b>	Does not bioaccumulate
<b>Mobility in soil:</b>	None

## Section 13: Disposal

<b>Waste disposal:</b>	Landfill as ordinary industrial waste in compliance with pertinent regulations.
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## Section 14: Transport

UN number:	Not regulated
UN Proper shipping name:	Not regulated
Transport Hazard class(es):	Not regulated
Packing group, if applicable:	Not regulated
Marine pollutant (YorN):	N
Special precautions:	None

## Section 15: Regulatory

### Relevant safety, health, and environmental regulations

Inventory Status:	All components TSCA listed
US Regulations:	No ingredients listed
US Superfund Amendments and Reauthorization Act (SARA) Title III Section 313 information:	No ingredients listed

## Section 16: Other

SDS Preparation Date:	6/26/2025
Revision Date:	

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