



International Fireproof Technology Inc.

The Ultimate in Firestop Solutions and Fire Protective Coatings

www.painttoprotect.com

949-975-8588

Safety Data Sheet – US150 Foam Brick

1. Product and Company Identification

Product : Fire Foam Brick

Product Code : US150 Foam Brick

Recommended use and restriction on use: For firestop use.

Company: International Fireproof Technology, Inc.
17528 Von Karman Ave. Irvine, CA 92614

Office: 949-975-8588

Emergency Telephone Number: CHEMTREC 1-800-424-9300

2. Hazards Identification

Hazard classification:

Product is polyurethane foam used as firestop of through penetration in the wall or floor assembly. It is solid open-cellular foam. Not know to contain any hazardous materials. Dusts may cause irritation to eyes and respiratory tract.



Pictogram :

Signal word: Warning

Hazard statement:

The primary health hazards posed by this product are thought to be due to exposure to dusts.

Skin contact: Rubbing may cause mechanical irritation. Skin absorption not expected to be significant under normal use of product.

Eye contact: Dust slightly irritate to eyes.

Inhalation: Dust may cause irritation to the respiratory tract. When heated to decomposition, fumes are toxic.

Ingestion: Essentially non-toxic.

Precautionary statement :

Prevention : Do not handle until all safety precautions have been read and understood. Use personal protective equipment as required. Wear eye or face protection. Do not breathe dust. Wash hands thoroughly after handling.

Response : Get medical attention if you feel unwell. IF exposed or concerned: Get medical attention. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical attention.

Storage : Store locked up.

Disposal : Dispose of contents and container in accordance with all local, regional, national and international regulations.

3. Composition/Information on Ingredients

<u>Ingredient</u>	<u>CAS No</u>	<u>Percent</u>
Polyurethane	N/A	65~85

4. First Aid Measures

Inhalation : Remove victim to fresh air and keep at rest in a position comfortable for breathing. If not breathing, provide artificial respiration or oxygen by trained personnel. Get medical attention immediately.

Ingestion : Wash out mouth with water.

Skin Contact : No special treatment required. Wash thoroughly with soap and water. Vacuum or brush dust from skin.

Eye Contact : Dust may cause irritation. Open eyelids and hold back while flushing with water for at least 15 minutes. Get medical attention

5. Fire Fighting Measures

Suitable extinguishing media : Water, dry chemical, carbon dioxide (CO₂), foam.

General fire hazards : Product will ignite upon exposure to ignition source causing heat and smoke with toxic gases (primarily oxides of carbon and nitrogen).

Fire-fighting : Fire fighters should wear NIOSH approved full-face positive

equipment/ pressure self-contained breathing apparatus and impervious
Instruction: protective clothing.

6. Accidental Release Measures

Personal precautions, protective equipment and emergency procedures

Containment Pick-up or sweep large pieces of material for recycling or disposal.
procedures: Sweep or vacuum dusts for disposal avoiding generating static discharge. Larger pieces of this material are recyclable. Material not collected for recycling is to be disposed of a non-hazardous waste according to local, state, and federal regulations.

7. Handling and Storage

Handling: Ensure thorough ventilation of work areas. Maintain good housekeeping practices. Do not allow foam scrap of dust to accumulate in the workplace or in equipment. No special measures necessary.

Storage: Stored indoors in a dry area and protected from water. Keep away from open flames, burning cigarettes, space heaters, naked lights, exposed wiring, or other ignition sources.

8. Exposure Controls / Personal Protection

General Product Information:

There are no specific exposure limits established for this product. Treat dusts as Particles Not Otherwise Classified (PNOC).

Appropriate If user operations generate dust, fumes, gas, vapor or mist, use engineering process enclosures, local exhaust ventilation or other engineering controls: controls to keep worker exposure to airborne contaminants below any recommended or statutory limits.

Environment Emissions from ventilation or work process equipment should be al exposure checked to ensure they comply with the requirements of controls: environmental protection legislation.

Individual protection measures

Hygiene measures:	Wash hands, forearms and face thoroughly after handling products, before eating, smoking and using the lavatory and at the end of the working period. Wash contaminated clothing before reusing.
Eye/face protection	Approved safety glasses and eye protection is recommended when processing material.
Skin protection	No special equipment required.
Respiratory protection:	If fumes, smoke or dusts are generated use NIOSH approved respiratory protective equipment
Ingestion	There are no known health hazards associated with this material when used as designed. It is recommended employees wash thoroughly after handling the material. Wash before and after eating, smoking, drinking or using restroom facilities. Avoid breathing dusts.

9. Physical and Chemical Properties

Appearance: Flexible cellular solid	Odors : Negligible odor
Physical state : polyurethane foam	Melting point : N/A
pH value : N/A	Boiling point/boiling Range : N/A
Flammability : Non-flammable	Flash point & method : >110°C
Decomposition temperature : —	Used : open cup
Auto-ignition temperature : —	Explosion limits : N/A
Vapor pressure at 20°C : N/A	Vapor density : N/A
Density : 0.2-0.5g/cm ³ (25°C)	Solubility in water : N/A
Partition coefficient n-octanol/water : N/A	Evaporation rate : N/A

10. Stability and Reactivity

Stability:	Stable under ordinary conditions of use and storage
Special Condition of Hazardous Reaction	N/A
Incompatibilities:	Oxidizing agent
Conditions to Avoid :	Heat, flames, ignition sources and fluorine and fluorine/oxygen mixtures. Fine dusts may pose dust explosion hazard.
Materials to Avoid	Incompatible with acids, alkalis, oxidizing agents.

Hazardous decomposition products When heated to decomposition toxic gases (primarily oxides of nitrogen and carbon) may be produced

Hazardous Polymerization : None

11. Toxicological Information

Product Irritation/Corrosion

Result	Species	Score	Exposure	Observation
Eyes : Mild irritant	---	---	---	---
Skin : slightly-irritating	---	---	---	---

Acute toxicity

Product/ingredient name	Result	Species	Dose	Exposure
---	---	---	---	---

Irritation/Corrosion

Product/ingredient name	Result	Species	Score	Exposure	Observation
---	---	---	---	---	---

Classification

Product/ingredient name	OSHA	IARC	NTP	ACGIH
---	---	---	---	---

Specific target organ toxicity (single exposure)

Product/ingredient name	Category	Route of exposure	Target organs
---	---	---	---

Specific target organ toxicity (repeated exposure)

Product/ingredient name	Category	Route of exposure	Target organs
---	---	---	---

12. Ecological Information

Product Toxicity

Persistence and degradability : —

Bioaccumulative potential : —

Mobility in soil : —
 other adverse effect : —

Single ingredient Toxicity

Product/ingredient name	Result	Species	Exposure
---	---	---	---

Bioaccumulative potential

Product/ingredient name	LogPow	BCF	Potential
---	---	---	---

13. Disposal Considerations

Disposal This material is potentially recyclable.
 Instructions: If the product becomes waste, it is not a hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA) 40 CFR 261. Dispose of in accordance to all federal, state, and local laws and regulations.

14. Transport Information

DOT Information: This material is not hazardous as defined by 49 CFR 172.101 (US DOT).

UN proper shipping name: N/A
 Transport hazard class: N/A
 UN number: N/A
 Packing group: N/A
 Emergency Response Guide: N/A
 Label(s) Required: N/A
 Additional Shipping Information: Marine Pollutants regulations not applicable to this material.

Transport Canada Transportation of Dangerous Goods Regulations: Not regulated as dangerous goods

15. Regulatory Information

US Federal Regulations:

A. General Product Information: N/A

B. Component Information: None of this product's components are listed under SARA Section 302 (TPO), 304 (RO), 313, RCRA, CERCLA or CAA (112(r) TO).

Clean Air Act: The product does not contain any Class 1 or Class 2 Ozone depleting substances.

Clean Water Act: This product is not listed as a Hazardous Substance under the CWA. This product does not contain any chemicals listed as priority of toxic pollutants under the CWA.

16. Other Information

The information contained in this data sheet pertains to this product as it is currently formulated, and is based on present scientific and technical knowledge. This information is provided without warranty of any kind and should not, therefore, be construed as guaranteeing specific properties of the products described or their suitability for a particular application. Employers should use this information only as a supplement to other information gathered by them and must make independent determination of suitability and completeness of information from all sources to assure proper use of these materials and the safety and health of employees

Revision Information: 1/08/2018
Prepared by: International Fireproof Technology Inc.
Phone Number: 949-975-8588