

Material Safety Data Sheet

May be used to comply with OSHA's Hazard Communication Standard, 29 CFR 1910.1200. Standard must be consulted for specific requirements.

U.S. Department of Labor

Occupational Safety and Health Administration
(Non-Mandatory Form)
Form Approved



OMB No. 1218-0072

PRODUCT INFORMATION: TRADE NAME: INNOFOAM INSULATION DESCRIPTION: Polyethylene foam. Available in various sizes & several forms; e.g., pipe insulation	CHEMICAL FAMILY: POLYOLEFIN CHEMICAL FORMULA: PROPRIETARY
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Section I

Manufacturer's Name Plastic Technology, Inc.	Emergency Telephone Number (828) 328-8570
Address (Number, Street, City, State, and ZIP Code)	Telephone Number for Information (828) 328-8570
Mailing: PO Box 819, Hickory, NC 28603	Date Prepared 5-12-07
Physical: 1115 Farrington St., Conover, NC 28613	Signature of Preparer (optional)

Section II - Hazard Ingredients/Identity Information

Hazardous Components (Specific Chemical Identity; Common Name(s))	OSHA PEL	ACGIH TLV	Other Limits Recommended	%(optional)
Isobutane CAS 000075-28-5 –does not remain with product over time.				
Polyethylene Foam CAS 009002-8804 75 --not hazardous as defined in 29 CFR 1910.1200.				

Section III - Physical/Chemical Characteristics

Boiling Point DNA	DNA	Specific Gravity (H₂O = 1) ASTM D792	1.5 – 10 lbs/cu. ft.
Vapor Pressure (mm Hg.) DNA	DNA	Melting Point Vicat softening point / ASTM 1525	91°C
Vapor Density (AIR = 1) DNA	DNA	Evaporation Rate (Butyl Acetate = 1) DNA	DNA
Solubility in Water Not water soluble.			
Appearance and Odor Various shapes and lengths, natural white and in color, no discernable odor or vapors.			

Section IV - Fire and Explosion Hazard Data

Flash Point (Method Used)	Flammable Limits Auto Ignition 343°C	LEL DNA	UEL DNA
Extinguishing Media Water spray, Dry Chemical, Foam, or Carbon Dioxide.			
Special Fire Fighting Procedures Water spray from fogging nozzle is recommended.			
NFPA Hazard Code:(0=minimum hazard; 4=severe hazard) Health = 0 Flammability = 1 Reactivity = 0 Special hazard = None			
Unusual Fire and Explosion Hazards May burn at or above flash point; airborne dust may explode if ignited.			
See National Fire Protection Bulletin 654.			

Section V - Reactivity Data

Stability	Unstable		Conditions to Avoid: Avoid Flame
	Stable	Yes	
Incompatibility (<i>Materials to Avoid</i>) Benzene, gasoline, lubricating oils, petroleum ether, etc.			
Hazardous Decomposition or Byproducts Carbon, carbon monoxide, carbon dioxide, and vapors may be produced by thermal decomposition.			
Hazardous Polymerization	May Occur		Conditions to Avoid Attacked by oxidizing agents such as nitric or perchloric acid and free halogens.
	Will Not Occur	XX	

Section VI - Health Hazard Data

Route(s) of Entry: DNA	Inhalation? DNA	Skin? DNA	Ingestion? DNA
Health Hazards (<i>Acute and Chronic</i>) No applicable information found.			
Carcinogenicity:	NTP?	IARC Monographs?	OSHA Regulated?

None	No	No	No
Signs and Symptoms of Exposure No applicable information found.			
Medical Conditions Generally Aggravated by Exposure: No applicable information found.			
Emergency and First Aid Procedures No applicable information found.			

Section VII - Precautions for Safe Handling and Use

Steps to Be Taken in Case Material is Released or Spilled Practice good housekeeping, clean up spills as the product could represent a tripping hazard.
Waste Disposal Method This material is not an RCA hazardous waste. Disposal recommended in accordance with state and local regulations.
Precautions to Be taken in Handling and Storing Flammable vapors may be generated during unventilated storage of large amounts of product such as conditions found in some storage trailers. To prevent the potential build-up of such vapors, only utilize ventilated trailers when transporting or storing shipments of product.
Other Precautions In order to avoid fire do not expose this product sparks from welding or to open flames.

Section VIII - Control Measures

Respiratory Protection (<i>Specify Type</i>) DNA		
Ventilation YES	Local Exhaust Yes	Special DNA
	Mechanical (<i>General</i>) DNA	Other
Protective Gloves DNA	Eye Protection DNA	
Other Protective Clothing or Equipment Not required.		
Work/Hygienic Practices No applicable information found.		

* U.S.G.P.O.: 1986 - 491 - 529/45775