



MATERIAL SAFETY DATA SHEET

HMIS
 H = 1
 F = 1
 R = 0
 PPE = See Section 8

Section I

Manufacturer: Siplast, an Icopal Group Company
 (800) 643-1591 or (800) 922-8800
Address: 1000 E. Rochelle Blvd., Irving, TX 75062-3940
Emergency Phone No.: CHEMTREC, (800) 424-9300 (U.S.), (703) 527-3887 (outside of U.S.)
Product Class: Polyisocyanurate Roof Insulation
Trade Name: Paratherm Polyisocyanurate Insulation

Section II - Ingredients

Ingredient	NTP/IRAC OSHA CARC.	Percent	ACGIH TLV		OSHA PEL
			ppm	mg/m ³	
Polyisocyanurate Foam	No	10-90	N/A	N/A	N/A

Section III - Physical Data

Boiling Point: N/A
 Freezing Point: N/A
 Corrosivity: N/A
 Evaporation Rate (Butyl Acetate = 1): N/A
 Vapor Density (Air = 1): N/A
 % Volatile by Volume: N/A
 Sp. Gr.: 0.03
 Solubility in H₂O: Not soluble
 Vapor Pressure: N/A
 Physical State: Solid
 Odor and Appearance: Light tan foam plastic - no odor with cellulose/glass filler facings.

EXPLOSION DATA:

Sensitivity to impact: There is no evidence to show that this product is sensitive to physical shock.
 Sensitivity to static discharge: There is no evidence to show that this product is sensitive to static discharge.

Extinguishing media: In case of fire, use dry chemicals, carbon dioxide, foam or water fog.

Special Fire Fighting Procedures: Fire fighters should wear self-contained breathing apparatus.
 Unusual Fire and Explosion Hazards: Product will burn on exposure to open flame. Keep away from all open flames, welders' torches, etc.

Section IV - Fire and Explosion Data

Flammability: Yes X No ___ If yes, under which conditions: Can be ignited by open flame.
 Flashpoint (°C) and Method: N/A
 Autoignition Temperature (°C): Not available
 Lower Flammable Limit (% by Vol): N/A
 Upper Flammable Limit (% by Vol): N/A

Hazardous Combustion Products: Carbon monoxide, carbon dioxide.

Section V - Health Hazard Data

Route of Entry: Skin Contact X
 Skin Absorption ___
 Eye Contact X
 Inhalation X
 Ingestion ___

Effects of acute exposure to product: Mechanical irritant to skin, eyes, and upper respiratory system (especially when material is fabricated).
 Effects of chronic exposure: Possible allergic reactions to respiratory system and skin with repeated exposure to this product.

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Exposure Limits: N/A
Irritancy of Products: N/A
Sensitization to product: Possible respiratory and skin.
Carcinogenicity: No evidence

Teratogenicity: No evidence
Reproductive Toxicity: No evidence
Mutagenicity: No evidence
Synergistic products: None known
Tumorigenicity: No evidence

Emergency and First Aid Procedures:
SKIN: Wash with soap and water.
EYES: Flush with water for 15 minutes or until irritation ceases.
INHALATION: Remove affected person to fresh air.
Persons who develop symptoms of allergy, irritation, respiratory problems, or puffiness around the eyes should be examined by a physician. Respiratory symptoms and dermatitis associated with pre-existing medical conditions may be aggravated by exposure to this material.

Section VI - Reactivity Data

Stability: Stable X Unstable _____
Conditions to Avoid: Sparks, flames and ignition sources.
Materials to Avoid: Strong acid or base may degrade product.
Hazardous Decomposition Products: Toxic smoke or vapors, such as carbon monoxide or carbon dioxide, may be released in a fire.
Hazardous Polymerization:
May occur _____ Will not occur X

Section VII - Spill or Leak Procedures

Steps to be Taken in Case Material is Released or Spilled: Normal housekeeping
Waste Disposal Method: Dispose of in accordance with all local, state, and federal regulations.

The information and recommendations contained herein are, to the best of Siplast's knowledge and belief, accurate and reliable as of the date issued. Siplast does not warrant or guarantee their accuracy or reliability, and should not be liable for any loss or damage arising out of the use thereof. User should satisfy himself that he has all current data relevant to his particular use.

Section VIII - Special Protection Information

Respirator: OSHA approved respirator or dust mask, especially when cutting.
Ventilation: Sufficient ventilation (when cutting) to keep exposure to nuisance dust below 5 mg/m³.
Gloves: Protective
Eye Protection: Safety glasses or goggles, especially when cutting.
Clothing: Protective
Footwear: Protective
Other Protective Equipment: None

Section IX - Special Precautions

Handling and Storage: No special equipment required. Protect from moisture.
Special Shipping Information: None