Material Safety Data Sheet

Polypropylene Foam

Section 1: Product information

Polypropylene foam products, including composite products with polypropylene/ polyethylene laminate layers and foams with anti-static additive.

Section 2: Hazardous Ingredients/Identity Information

Some specific chemical identities being withheld as trade secrets, but will be revealed to health professionals per 29CFR1910.1200(c). Products composed of polypropylene, polyethylene, Anti-static Additive, Polymer Colorants

Section 3: Physical Characteristics

Boiling Point:	Not Applicable	
Vapor Pressure (mm Hg):	Not Applicable	
Vapor Density (Air=1):	Not Applicable	
Specific Gravity (H20=1):	Foam = 0.01	Film = 0.91 – 0.97
Melting Point:	PP = 320°F	PE = 219 - 239°F
Appearance and Odor:	Plastic foam. Standard –Translucent White, Anti-static – Pink; Odorless	

Section 4: Fire or Explosion Hazard Data

Auto Ignition Temperatures:	Polypropylene Approx. 830°F
Extinguishing Media:	Dry Chemical, Carbon Dioxide, Water, Foam
Flash point:	Not Applicable
Flammable limits:	Not Applicable
Special Fire Fighting Procedures:	Avoid inhalation of vapors. Use self-contained breathing apparatus when fighting fires in confined areas.
Unusual Fire & Explosion Hazards:	As with any fire involving plastic, toxic fumes and dense smoke may be released. HMIS/NFPA Ratings. H=0, F=1, R=0

Section5: Reactivity Data

Stability:	stable
Conditions & materials to avoid:	None
Hazardous Polymerization:	Will not occur
Hazardous decomposition products:	Carbon Monoxide in oxygen deficient atmosphere

Section 6: Health Hazard Data

Routes(s) of Entry: Ingestion unlikely, material physiologically inert. Inhalation at ambient temperatures unlikely except for dust from grinding. At elevated temperatures (e.g. : hot cutting), fumes may cause irritation. Anti-static product could produce skin irritation in sensitive individuals.

Symptoms of Overexposure: For inhalation of fumes from heated plastic, irritation of respiratory tract, chest discomfort or dizziness. For skin contact with sensitive individuals, irritation or reddening of skin.

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Health Hazards: None is normal use. Avoid nuisance dust exposure from grinding operations.

Emergency & First Aid Procedures: If respiratory irritation occurs, remove affected personnel to fresh air. Obtain medical attention if irritation persists or is severe. Wash contaminated skin with mild soap and water. Individuals experiencing skin sensitivity should obtain medical advice.

Permissible Exposure Levels:	None	
Carcinogenicity:	NTP: No	IARC: No
Medical Conditions Generally Aggravated by Overexposure:	None expected	

Section 7: Exposure Control/Personal Protection

Respiratory Protection: Not normally required. If product is being further processed, producing dust or fumes, local ventilation should be provided. Respiratory protection is normally only to be used as a temporary measure until proper ventilation can be installed.
Gloves: Not normally required. Could be used by individuals experiencing skin sensitivity.
Eye Protection: Not normally required. May be recommended if product further processed.
Other Protective Equipment: Not normally required.
Ventilation: Local ventilation should be provided if product is further processed producing dust or fumes. General ventilation may also be used, but local ventilation is usually preferable.

Section 8: Spill and Leak Procedures

Spill or release Measures:	No special measures should be necessary beyond general housekeeping
Disposal Method:	Dispose of in accordance with Federal, State and Local regulations

Section 9: Precautions for Safe Handling and Use

Precautions for Handling:	Suffocation hazard exists if material covers face. Keep away from children

Section 10: Regulatory Information

SARA Title III:	Not Regulated

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