

## HDPE Safety Data Sheet

### 1. Product Identification

**Product Description:**

Foamed, colored polyolefin material extruded products

**Chemical Description:**

HDPE (High Density Polyethylene) with (less than 4%) colorant and foaming agents

### 2. Material Identification and Information

**Non-Hazardous Ingredients:**

HDPE (High Density Polyethylene) with (less than 4%) colorant and foaming agents

**Hazardous Ingredients:**

No Hazardous Ingredients

### 3. Physical and Chemical Characteristics

**Appearance:**

Non-Translucent, Colored

**Odor:**

Slight

**Boiling Point:**

N/A

**Melting Point:**

250° F / 121° C

**Vapor Pressure (mm HG):**

N/A

**Specific Gravity (H<sub>2</sub>O = 1), (g/cc):**

0.65-0.88

**Solubility in Water:**

Negligible

**Evaporative Rate:**

Negligible

**Vapor Density (air = 1):**

N/A

**Evaporation Point:**

N/A

### 4. Fire and Explosion Hazard Data

**Flash Point:**

645° F / 340° C

**Auto-Ignition Temperature:**

645° F / 340° C

**Flammable Limits (LEL):**

N/A

**Flammable Limits (UEL):**

N/A

**Extinguishing Media:**

Carbon dioxide, foam, dry chemical and water spray

**Special Fire Fighting Instructions:**

Use self-contained breathing apparatus. Use standard chemical fire fighting procedures.

**Unusual Fire and Explosion Hazards:**

Exposure to fire can generate toxic fumes. High dust levels may create potential for explosion.

**NFPA Hazard ID:**

Health: 1, Flammability: 1, Reactivity: 0

## 5. Reactivity Hazard Data

**Stability:**

Stable

**Conditions to Avoid:**

Extreme heat

**Incompatibility (Materials to Avoid):**

Strong Oxidizers

**Hazardous Decomposition Products:**

Carbon Monoxide, Aldehydes, Acetic Acid

## 6. Health Hazard Data

**Primary Routes of Entry:**

Inhalation or ingestion of dust

**Health Hazards:**

Dust may cause irritation of the mouth, nose, throat, and eyes

**Medical Conditions Aggravated by Exposure:**

Some long-term breathing conditions can be aggravated by exposed to dust from this product

**Emergency First Aid Procedures:**

Seek medical assistance for further treatment, observation, and support if necessary

**Eye Contact:**

Do not rub eyes, flush with running water, seek medical attention

**Skin Contact:**

None

**Inhalation:**

Move person to fresh air, seek medical attention

**Ingestion:**

Seek medical attention

## 7. Precautions for Safe Handling and Use

**In case of spills or accidental release:**

Dispose of as normal refuse in accordance with applicable federal, state, and local regulations

**Waste Disposal Methods:**

Dispose as normal refuse

**Precautions to be taken in handling and storage:**

Store at less than Store at less than 120°F / 49°C

**Other Precautions and/or Special Hazards:**

Store away from heat or open flame. Store away from strong oxidants or alkalies. Store flat and supported across entire span.

## 8. Control and Prevention Measures

**Respiratory Protection:**

None, unless machining material. A properly fitting NIOSH approved dust mask must be worn when machining this material

**Ventilation:**

Machine this product only in well ventilated area, dust collection systems are recommended

**Protective Gloves:**

No special equipment required

**Eye Protection:**

Wear safety glasses when nailing, cutting, or machining this product

**Other Protective Clothing and Equipment:**

None

**Hygienic Work Practices:**

Wash hands before eating, drinks, or smoking