



# HDPE

## Material Safety Data Sheet

**Product Description:** Foamed, colored, polyolefin material “Poly-Wood” extruded products

**Chemical Description:** HDPE (High-Density Polyethylene) with (less than 1%) foaming agents and colorant

**Supplier:** Poly-Wood, Inc. 1001 W. Brooklyn St., Syracuse, IN 46567

**Phone Number:** (877) 457-3284 Poly-Wood, Inc.  
(800) 424-9300 Chemtrec

Non-Hazardous Ingredients: HDPE (High-Density Polyethylene) with (less than 1%) colorant and foaming agents

Hazardous Ingredients: No Hazardous Ingredients

- Appearance: Non-Translucent
- Specific Gravity: .68 – .88
- Evaporative Rate: N/A
- Odor: Slight
- Boiling Point: N/A
- Evaporation Rate: N/A
- Vapor Pressure: N/A
- Melting Point: 250 ° F
- Solubility in Water: N/A
- Vapor Density: N/A

**Flash Point:** 645°F / 340°C

**Flammable Limits:** LEL– N/A UEL– N/A

**Extinguishing Media:** Water, carbon dioxide, foam or dry chemical

**Special Fire Fighting Instructions:** Use self-contained breathing apparatus and full protective gear.

**Unusual Fire and Explosion Hazards:** Exposure to fire can generate toxic fumes.



- Stability: Stable
- Materials to Avoid: Strong oxidizers
- Conditions to Avoid: Extreme heat
- Hazardous Decomposition Products: Carbon dioxide, carbon monoxide

**Primary Route of Exposure:** Inhalation or ingestion of dust

**Health Hazard:** Breathing dust from this product may cause short-term irritation of the mouth, nose, and throat. Eye contact with dust from this product may cause mechanical irritation.

**Medical Conditions Aggravated by Exposure:** Long-term breathing conditions may be aggravated by exposure to the dust from this product.

**Eye Contact:** Do not rub eyes, flush with running water, seek medical attention.

**Inhalation:** Move person to fresh air, seek medical attention.

**Ingestion:** While unlikely, if it does occur, seek medical attention immediately.

**In Case of Spills or Accidental Release:** Vacuum or scoop up material. Dispose of in accordance with federal, state, and local regulations.

**Waste Disposal:** Dispose as normal refuse, or recycle as HDPE.

**Storage Temperature:** Store in temperatures less than or equal to 120 F. Do not store near heat, open flames, or strong oxidants or alkalis. Store flat and supported across entire span.

**Respiratory Protection:** None, unless machining product. A properly fitting NIOSHA mask must be worn while machining this product.

**Ventilation:** Machine this product only in well ventilated areas. Dust systems are recommended to reduce dust levels.

**Protective Gloves:** No special equipment required.

**Eye Protection:** Wear safety glasses when nailing, cutting or machining this product.

**Hygienic Work Practices:** Wash hands before eating, drinking, or smoking.