

# MATERIAL SAFETY DATA SHEET

Pace Industries, Inc.

Page 1 of 2

---

## PRODUCT INFORMATION

Date: January 1, 2002

Product: High Impact Polystyrene

Synonyms: Pace Polystyrene HIPSPAEX

Product Grade: 6000, 6100, 6300, 6400, 6500, 6600, 6700, 6800

Chemical Family: Rubber Modified Polystyrene Thermoplastic Polymer

Contact: Pace Industries

1400 Industrial Street

Reedsburg, WI 53959

Phone: (608) 524-6777

Fax: (608) 524-6989

Fax: (800) 345-2456

---

## HAZARDOUS INGREDIENTS/IDENTITY INFORMATION

This product does not meet the definition of a hazardous chemical given in 29CFR. Part 1910.1200 (OSHA). Pigments or additives are encapsulated in plastic and therefore any level of hazard is considered negligible.

---

## PHYSICAL DATA

Form: Solid

Odor: None

Melting Point: Softens at 170°F to 230°F

Vapor Pressure: N/A

Volatile By Volume: N/A

Vapor Density: N/A

Evaporation Rate: N/A

Solubility in Water: Negligible (below 0.1%)

---

## REACTIVITY DATA

Incompatibility: May react to strong oxidizing agents: chlorates, nitrates, peroxides, etc.

Stability: Stable

Hazardous Decomposition: Carbon monoxide, carbon dioxide, carbon, water

Hazardous Polymerization: None

---

## FIRE & EXPLOSION DATA

Flash Pt. And Method Used: N/A

Extinguishing Media: Water fog, carbon dioxide, and dry chemical

Special Fire Fighting Instructions: Use approved self-contained breathing apparatus and approved personal protective clothing.

Unusual Fire and Explosion Hazards: Fire gives off dense black smoke, carbon monoxide, and carbon dioxide.

---

**AVOID PROCESSING OF MATERIAL OVER 300°C (575°F)**

---

## MATERIAL SAFETY DATA SHEET

Pace Industries, Inc.

Page 2 of 2

---

### HEALTH HAZARDS & FIRST AID

Safety Precautions: Use positive ventilation where necessary. Do not smoke or eat in process areas.

First Aid: Eyes: Irrigate with water to wash out any particles or irritation from vapors when material is heated.

Inhalation: None expected

Skin: Wash with soap and water to remove particles.

Ingestion: Expected to be relatively non-toxic. Notify medical personnel.

Carcinogenic Properties: None

Principal Health & Hazards and Symptoms of Exposure

General: Normal handling with general ventilation would not expose operating personnel to safety and health hazards.

Eye Contact: May cause mechanical irritation

Inhalation: Dust may cause mechanical irritation. If heated, fumes may be unpleasant and produce nausea and irritation to the upper respiratory tract.

Skin Contact: Not expected to be harmful.

Ingestion: Not expected to be harmful if swallowed.

Systemic and Other Effects: None

Medical Conditions Aggravated: None known

Exposure Limits: None established for polystyrene.

---

### ADDITIONAL INFORMATION

Transportation Requirements: Not a D.O.T. "Hazardous Material".

Disposal Method: Recycle, incinerate, or landfill per local and state regulations.

---

The information contained herein is believed to be accurate and is offered to you in good faith. We have examined information from sources outside our company for this data sheet. We trust the information to be correct but cannot certify its accuracy or completeness. Health and safety precautions in this data sheet may not be sufficient for all individuals and/or documentation contained herein shall be read as an endorsement or advisement for the use of any product in a manner that might violate existing patents. Neither expressed nor implied warranty is made.