MATERIAL SAFETY DATA SHEET

PRODUCT IDENTIFICATION

Product Name: GenPore Molded Parts
Synonyms: Polyethylene
Polyethylene

Chemical Family: Polyethylene

HAZARDOUS INGREDIENTS

Ingredient: This product is not regulated under the OSHA HAZARD COMMUNICATION STANDARD 29CFR1910.1200 or S.A.R.A. TITLE III. Please read this MSDS carefully before using this product.

PHYSICAL DATA

Physical Data: Low High Units Comments
Melting Point 135 145 ºC
Density 0.925 0.935 G/cc @25 ºC
Solubility in Water Insoluble
Ignition Temperature 329ºC Fit ASTM D1929
Decomposition Temperature 330ºC
Appearance and Order Whitish, Odorless Material

FIRE AND EXPLOSION HAZARDS

Extinguishing Media: Carbon Dioxide, Water Spray, Foam, or Dry Chemical
Special Procedures: Use Self-Contained Breathing Apparatus and Full Protective Clothing
Unusual Hazards: Emits Toxic Fumes Under Fire Conditions.

HEALTH INFORMATION

Signs and Symptoms of Overexposure: None

OCCUPATIONAL EXPOSURE LIMITS

Text: None

EMERGENCY AND FIRST AID PROCEDURE

Inhalation: Remove Victim to Fresh Air. Consult Physician
Eye Contact: Flush Eye Thoroughly with Water for 15 Minutes. Consult a Physician if Irritation or Other Symptoms Occur
Skin Contact: Wash with Soap and Water. Consult a Physician if Irritation or Other Symptoms Occur
Ingestion: Consult Physician
Additional Measures: Consult Physician if Irritation of Respiratory Passage Occurs

REACTIVITY DATA

Chemical Stability: Stable
Hazardous Polymerization: Will Not Occur

Conditions to Avoid:
Avoid Overheating This Material

Hazardous Decomposition Products:
Thermal Decomposition May Generate Carbon Monoxide and Carbon Dioxide

SPILL OR LEAK PROCEDURES/WASTE DISPOSAL

Spill or Leak Procedures: Collect into Suitable Container
Waste Disposal: Dispose of in Accordance with Federal, State, and Local Regulations

EMPLOYEE PROTECTION

Respiratory Protection: If Airborne Concentrations Pose a Health Hazard, Become Irritating, or Exceed Recommended Limits, Use a Niosh Approved Respirator in Accordance with OSHA Respiratory Protection Requirements Under 29CFR1910.134

Protective Clothing:
Safety Glasses
Clothing Suitable to Avoid Skin Contact

Additional Protective Measures:
Use Local Exhaust Ventilation or Respiratory Protection to Maintain Employee Exposure Below the P.E.L. or T.V.L.

OTHER REGULATORY CONTROLS

Other Regulatory Controls:
The Components of This Product Are Listed on the TSCA Inventory State Right to Know Information:

HMIS Ratings:
HEALTH: 1       FLAMMABILITY: 0       REACTIVITY: 0