MATERIAL SAFETY DATA SHEET

I. IDENTIFICATION
Product: Polyethylene Beads
Chemical Family Polyolefin
Formula CH3-(CH2)n-CH3

II. INGREDIENTS
This product may contain one or more of the following: Polyethylene homopolymer or polyethylene copolymer.

Hazardous Components: Not Applicable

III. PHYSICAL PROPERTIES
Boiling Point Not Applicable
Vapor Pressure Not Applicable
Solubility in Water 0.000 g/cc
Density 0.900-0.960 g/cc
Form Pony Beads
Odor None
Volatile No

IV. FIRE AND EXPLOSION HAZARD DATA
Autoignition Temperature 500-600 degrees F
Flash Point 600-650 degrees F
Flammable Limits Not Applicable
Fire Fighting Use water to extinguish fire & to cool surfaces. Other types of extinguishers may also be used. Use NIOSH approved self-contained breathing apparatus to fight fires in enclosed areas.
Hazards Static discharges can be generated. Excessive airborne dust may cause explosions.
Decomposition Products CO2; H2; and under lean oxygen conditions, CO

V. REACTIVITY
Stability Stable
Conditions to Avoid Temperatures over 300 degrees C can cause degradation
Reactive Polymerization Does not occur
Incompatibility None

VI. HEALTH
Acute & Chronic Hazards Ingredients used are considered to be a hazardous chemical when burned under OSHA hazard communication std. 29 CFR 1910.1200; however will not present any health hazard under normal use at ambient conditions.

Eye Ingredients used are considered to be hazardous chemical when burned under OSHA hazard communication std. 29 CFR 1910.1200; however will not present any health hazard under normal use at ambient conditions.

Skin Contact Solid or dust may cause irritation or corneal injury due to mechanical action.
Inhalation Negligible hazard at ambient temperatures under normal use.
Ingestion None currently known.
Exposure Limits No limit established for polyethylene.
First Aid If ingested, no known health effect. Skin contact with molten plastic should be treated with cold water before plastic is removed, then wrap in clean gauze and seek medical attention.
VII. EMPLOYEE PROTECTION
- Control Measure: None
- Respiratory Protection: None
- Protective Clothing: None

VIII. ENVIRONMENTAL PROTECTION
Dispose in landfills or incinerators in accordance with local, state, and federal regulations.

IX. TRANSPORTATION INFORMATION
Not regulated

X. ADDITIONAL INFORMATION
Regulatory Requirements
- DOT: Not applicable
- HMIS:
  - Health: 0
  - Reactivity: 0
  - Flammability: 1

Although the above information is believed to be accurate and reliable, no warranty is expressed or implied. It is the customer's responsibility to determine the usefulness and applicability of this material for the intended use.

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