SAFETY DATA SHEET

SECTION 1  PRODUCT AND COMPANY IDENTIFICATION

PRODUCT

Product Name: High Density Polyethylene (used to manufacture SRW HexaBase™)
Abbreviation: HDPE
CAS No.: 9002-88-4
Product Description:
Intended Use: Raw material used for injection molding.

COMPANY IDENTIFICATION

Manufacturer/Distributor:  SRW Products
32005 126th Street
Princeton, MN 55371
Emergency  (800) 424-9300
Product Technical Information (800) 752-9326

SECTION 2  HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW

GHS CLASSIFICATION  Non-hazardous
HMIS
Physical State  Solid
Color  Brown
Odor  Waxy, mild

Primary Routes of Exposure:  Eyes or skin contact
Potential Health Effects:
Acute Effects:
Inhalation:  Health injuries not expected. Not a probable route of exposure under ordinary conditions
Skin Contact:  Health injuries not expected. Possible mechanical irritation
Eye Contact:  Health injuries not expected. Possible mechanical irritation from dust or powder.
Ingestion:  Health injuries not expected. Not a probable route of exposure.
Chronic Effects:  Ongoing exposure may aggravate acute effects
Carcinogenicity  See Section 11
Medical conditions aggravated by long term exposure  Ongoing exposure may aggravate acute effects.

SECTION 3  COMPOSITION / INFORMATION ON INGREDIENTS

<table>
<thead>
<tr>
<th>Component</th>
<th>CAS Number</th>
<th>Percentage</th>
</tr>
</thead>
<tbody>
<tr>
<td>Polyethylene (Polyethylene Homopolymer)</td>
<td>CAS# 9002-88-4</td>
<td>100 (+/-)</td>
</tr>
</tbody>
</table>

SECTION 4  FIRST AID MEASURES

Skin Contact:  If in contact with solid material, wash with soap and water. If in contact with molten material, submerge injured area in cold water. Do not attempt to remove material adhering to the skin. Get medical attention if irritation develops or persists
Eye Contact:  Flush eyes with plenty of water. Get medical attention if irritation develops or persists.
Inhalation:  This material is not likely to be hazardous by inhalation. Consult a physician if symptoms develop or persist.
Ingestion:  Not a probable route of exposure.
SECTION 5  
FIRE FIGHTING MEASURES

Use water fog, dry chemical, carbon dioxide or foam as appropriate for materials in surrounding fire. Avoid using direct streams of water on molten burning material as it may scatter and spread the fire. Melts in proximity to fires resulting in slippery floors and stairs. Static charges or on powders or powders in liquids may ignite combustible atmospheres. Airborne dusts of this product in an enclosed space and in the presence of an ignition source may constitute an explosion hazard. See NFPA Bulletin 654, "Standard for the Prevention of Fire and Dust Explosions from the Manufacturing, Processing, and Handling of Combustible Particulate Solids," for safe handling procedures. As in any fire, wear NIOSH/MSHA approved positive pressure self-contained breathing apparatus and full protective clothing. Watch footing on floors and stairs because of possible spreading of molten material.

SECTION 6  
ACCIDENTAL RELEASE MEASURES

Refer to Section 8: Exposure Control and Personal Protection

Emergency Action: No special environmental precautions required.
Spill/Leak Procedure: Containment of this material should not be necessary. Sweep up or gather material and place in appropriate container for disposal.

SECTION 7  
HANDLING AND STORAGE

Refer to Section 8: Exposure Control and Personal Protection

Handling: Keep away from heat, flame and strong oxidizing agents.
Storage: Keep away from heat, sparks, and flame. Store in a cool place in original container and protect from sunlight.

SECTION 8  
EXPOSURE CONTROLS / PERSONAL PROTECTION

Engineering Controls:
Use recommended safe handling practices to minimize unnecessary exposure. General room ventilation is adequate for storage and ordinary handling. Use local exhaust at points of fume generation or if dusty conditions prevail.

Personal Protective Equipment:
Wear safety glasses with side shields or chemical goggles to prevent eye contact. Have eye-washing facilities readily available where eye contact can occur. Do not wear contact lenses when working with this substance. Wear impervious gloves and protective clothing to prevent skin contact. Use NIOSH or MSHA approved equipment.

SECTION 9  
PHYSICAL AND CHEMICAL PROPERTIES

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Boiling Point</td>
<td>Not determined</td>
</tr>
<tr>
<td>Specific Gravity (@ 23°C)</td>
<td>0.91-0.97</td>
</tr>
<tr>
<td>Melting Point</td>
<td>374 – 482 °F</td>
</tr>
<tr>
<td>Evaporation Rate</td>
<td>Not applicable</td>
</tr>
<tr>
<td>Vapor Pressure</td>
<td>Not applicable</td>
</tr>
<tr>
<td>Odor Threshold</td>
<td>Not determined</td>
</tr>
<tr>
<td>Solubility in water</td>
<td>Insoluble</td>
</tr>
<tr>
<td>Decomposition Temperature</td>
<td>Not determined</td>
</tr>
<tr>
<td>Ventilation: Flammability Limits in Air (% by Volume)</td>
<td></td>
</tr>
<tr>
<td>Lower:</td>
<td>Not applicable</td>
</tr>
<tr>
<td>Upper:</td>
<td>Not applicable</td>
</tr>
<tr>
<td>Vapor Density (Air = 1):</td>
<td>Not applicable</td>
</tr>
<tr>
<td>Soluble (% in Water):</td>
<td>Insoluble</td>
</tr>
<tr>
<td>Appearance:</td>
<td>Brown Solid</td>
</tr>
<tr>
<td>Odor:</td>
<td>Odorless</td>
</tr>
<tr>
<td>pH:</td>
<td>Not applicable</td>
</tr>
<tr>
<td>Auto Ignition Temperature:</td>
<td>&gt;300°C</td>
</tr>
<tr>
<td>Viscosity (SUS @ 100°F):</td>
<td>Not applicable</td>
</tr>
<tr>
<td>Flash Point (Closed Cup):</td>
<td>&gt;300°C</td>
</tr>
<tr>
<td>Decomposition Temperature:</td>
<td>Not determined</td>
</tr>
</tbody>
</table>

SECTION 10  
STABILITY AND REACTIVITY

- **Chemical stability**
  This product is stable under normal use conditions for shock, vibration, pressure or Temperature. Decomposes at prolonged heating above 3000 °C.

- **Chemical stability - Condition to Avoid**
  Avoid strong oxidizing agents. Avoid Processing Material over 300°C. Avoid Heat & direct sunlight.

- **Hazardous Polymerization**
  Not likely to occur

- **Corrosivity**
  Product is not corrosive

- **Materials to avoid**
  Direct contact with open flames, self-igniting and explosive materials. High Density Polyethylene
• Dangerous products of decomposition
  No hazardous decomposition products known at room temperature. At elevated temperature the material will begin to decompose producing fumes that can contain CO2, CO, Ketones & Aldehydes.

SECTION 11  TOXICOLOGICAL INFORMATION

Likely Routes of Exposure: Eyes and skin contact.
Acute Effects: Mechanical irritation of eyes and skin.
Oral Toxicity LD50 Not Available;
Inhalation Toxicity LD50 Not Available.
Chronic Effects: None known.
Symptoms: Irritation of eyes and skin.
Carcinogenicity: This product has not been found to be carcinogenic by the NTP, ACGIH, IARC or OSHA.
Further information: This product has no known adverse effect on human health.

SECTION 12  ECOLOGICAL INFORMATION

Ecotoxicity: No known or expected ecotoxicity
Persistence and Biodegradability: Not determined.
Bio accumulative Potential: Not determined.
Mobility in Soil: Not determined.

SECTION 13  DISPOSAL CONSIDERATIONS

Dispose of this product in compliance with all applicable federal, state and local regulations. The unused product is not specifically listed by EPA as a hazardous waste (40 CFR, Part 261D), nor is it formulated to contain materials which are listed as hazardous wastes. It does not exhibit the hazardous characteristics of ignitability, corrosivity or reactivity and is not formulated with contaminants as determined by the Toxicity Characteristic Leaching Procedure (TCLP).

SECTION 14  TRANSPORT INFORMATION

This product is classified as a non-hazardous material in the meaning of transport regulations. No labeling is required in accordance with EEC directives or special placarding required.

SECTION 15  REGULATORY INFORMATION

SARA TITLE III Information:
Hazard categories for the Superfund Amendments and Reauthorization Act (SARA) Section 311/312/313 (40 CFR 370):
Immediate Hazard: No  Delayed Hazard: No  Fire Hazard: No  Pressure Hazard: No  Reactivity Hazard: No

SECTION 16  OTHER INFORMATION

THIS SAFETY DATA SHEET CONTAINS THE FOLLOWING REVISIONS:
Updates made in accordance with implementation of GHS requirements.
IMPORTANT: The information and data herein are believed to be accurate and have been compiled from sources believed to be reliable. It is offered for your consideration, investigation and verification. Buyer assumes all risk of use, storage, handling of the product in compliance with applicable federal, state, and local laws and regulations.
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