SAFETY DATA SHEET

RPD INFORMATION

| Address       | 5218 Barthel Industrial Drive  
|               | Albertville, MN 55301          |
| Website       | www.rpdinc.com                |
| Email         | sales@rpdinc.com              |
| Phone         | 763-497-2071 or 800-497-2071   |
| Fax           | 763-497-2295                  |

RAW MATERIAL INFORMATION

Ultra-Hight Molecular Weight Polyethylene (UHMW)
I. PRODUCT IDENTIFICATION

PRODUCT NAME: Ultra-High Molecular Weight Polyethylene

MANUFACTURER: Poly Hi Solidur Inc.

PHONE NUMBERS:
PRODUCT INFORMATION: (260) 479-4274
CHEMTREC: 1-800-424-9300

II. COMPOSITION/INFORMATION ON INGREDIENTS

<table>
<thead>
<tr>
<th>INGREDIENT NAME</th>
<th>CAS NUMBER</th>
<th>WEIGHT %</th>
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<tr>
<td>Polyethylene</td>
<td>9002-88-4</td>
<td>&gt; 99%</td>
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III. PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE: Waxy Solid with waxy odor. White, Black or green color.

ODOR: odorless

PERCENT VOLATILES: N/A

MELTING POINT: N/A

SOLUBILITY IN WATER: Negligible

SPECIFIC GRAVITY: 0.93 - 0.94

IV. STABILITY AND REACTIVITY

STABILITY: Stable

CONDITIONS TO AVOID: None Known

MATERIALS TO AVOID: Strong oxidizing agents

V. EXPOSURE CONTROLS/PERSONAL PROTECTION

VENTILATION: Local ventilation in dusty conditions, or if thermal decomposition occurs

PROTECTIVE EQUIPMENT

SKIN: Gloves and protective garments when handling molten material.
V. EXPOSURE CONTROLS/PERSONAL PROTECTION - continued

EYE:  Glasses with side shields

RESPIRATOR:  NIOSH approved dust respirator recommended. If material is being burned wear an organic respirator

EXPOSURE GUIDELINES:
Grinding and machining of parts should be reviewed to assure that particulate levels are kept below recommended standards

INGREDIENT  VALUE
Polyethylene  10 mg/m³ (total dust)

VI. HEALTH HAZARDS IDENTIFICATION

ACUTE OR IMMEDIATE EFFECTS

SKIN:  Molten material may cause thermal burns.

EYES:  Contact with powder or dust may cause mechanical irritation

INHALATION:  Not considered an inhalation hazard

INGESTION:  Not a probable route of exposure

LONG TERM DELAYED EFFECTS:  None known

MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE:
None known, however, seek medical attention if constant irritation occurs. If thermal decomposition occurs, upper respiratory, eye, nose, and throat irritation may result.

CHRONIC/CARCINOGENICITY:
Not a known Carcinogen under IARC

VII. FIRST AID MEASURES

SKIN:  If molten material comes in contact with the skin, cool under running water. Do not attempt to remove the molten material from the skin. Get medical attention.

EYES:  In case of eye contact, immediately flush eyes with plenty of water for at least 15 minutes. Consult a physician if symptoms persist.

INHALATION:  Consult a physician if upper respiratory or throat irritation persists

VIII. TOXICOLOGICAL INFORMATION

CHRONIC TOXICITY:  Harmless

MEDICAL CONDITIONS PRONE TO AGGRAVATION BY EXPOSURE:
No information available
IX. FIRE FIGHTING MEASURES

AUTOIGNITION TEMPERATURE:  >350 °C (662 °F)

EXTINGUISHING MEDIA:  Water, Foam, Carbon Dioxide and Dry Chemical

HAZARDOUS DECOMPOSITION PRODUCTS:
  Carbon Monoxide, Carbon Dioxide, selected Alkanes and Aldehydes including Acrolein and Formaldehyde

SPECIAL FIRE FIGHTING INSTRUCTIONS/PRECAUTIONS:
  Fire fighters and should wear full protective clothing including self-contained, breathing apparatus. Dust is flammable when finely divided (less than 200 mesh) and suspended in air.

X. ACCIDENTAL RELEASE MEASURES

SPILL OR RELEASE:  Sweep up for Disposal or reuse

XI. HANDLING AND STORAGE

STORAGE:  Store in a sprinkler protected warehouse

XII. DISPOSAL CONSIDERATIONS

DISPOSAL:  Incineration or landfill – dispose of in accordance with Federal, State, Provincial and Local regulations.

XIII. DISCLAIMER OF EXPRESSED AND IMPLIED WARRANTIES

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