1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION:

Product Name: Polyester
Date of Prep: 25 January 2011
MSDS #: 901140.001
Revision: B

2. COMPOSITION/INFORMATION ON INGREDIENTS:

<table>
<thead>
<tr>
<th>CHEMICAL INGREDIENT NAME</th>
<th>CAS NUMBER</th>
<th>EC NUMBER</th>
<th>% BY WT.</th>
<th>OSHA</th>
<th>ACGIH</th>
<th>HAZARD SYMBOL</th>
</tr>
</thead>
<tbody>
<tr>
<td>Poly (ethylene terephthalate), PET</td>
<td>25038-59-9</td>
<td>NA</td>
<td>100</td>
<td>NE</td>
<td>NE</td>
<td>NA</td>
</tr>
</tbody>
</table>

Notes:

3. HAZARDS IDENTIFICATION: NA

4. FIRST AID MEASURES:

Inhalation: no specific intervention is indicated as the compound is not likely to be hazardous by inhalation. consult physician if necessary
Skin Contact: wash with water
Eye Contact: flush eyes with water for 15 minutes; contact physician.
Ingestion: no specific intervention is indicated as the compound is not likely to be hazardous by ingestion. consult physician if necessary

Note to physician:

5. FIRE-FIGHTING MEASURES:

Flammable Properties: nonflammable
Extinguishing Media: Water spray, foam, dry chemical, CO2
Unique Aspects Contributing To a Fire: NA
Special Fire Fighting Procedures: NA

Note:

6. ACCIDENTAL RELEASE MEASURES: Sweep up spilled material.

7. HANDLING AND STORAGE: Store in a cool dry place.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION:

Handle in accordance with good laboratory practices.

Respiratory Protection: NA
Eye Protection: Safety glasses
Skin Protection: NA
Engineering Controls:
9. PHYSICAL AND CHEMICAL PROPERTIES:

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Appearance</td>
<td>Clear to opaque</td>
</tr>
<tr>
<td>Physical State</td>
<td>Solid</td>
</tr>
<tr>
<td>Odor</td>
<td>None</td>
</tr>
<tr>
<td>pH</td>
<td>NA</td>
</tr>
<tr>
<td>Specific Gravity</td>
<td>1.375</td>
</tr>
<tr>
<td>Flash Point</td>
<td>Nonflammable</td>
</tr>
<tr>
<td>Explosion Limits</td>
<td>NA</td>
</tr>
<tr>
<td>Boiling Point</td>
<td>Decomposes</td>
</tr>
<tr>
<td>Melting Point</td>
<td>240 to 260°C</td>
</tr>
<tr>
<td>Vapor Pressure</td>
<td>NA</td>
</tr>
<tr>
<td>Vapor Density (air=1)</td>
<td>NA</td>
</tr>
<tr>
<td>Solubility in Water</td>
<td>Insoluble</td>
</tr>
<tr>
<td>pH</td>
<td>NA</td>
</tr>
<tr>
<td>Boiling Point</td>
<td>Decomposes</td>
</tr>
<tr>
<td>Melting Point</td>
<td>240 to 260°C</td>
</tr>
<tr>
<td>Other</td>
<td>NA</td>
</tr>
</tbody>
</table>

10. STABILITY AND REACTIVITY:

<table>
<thead>
<tr>
<th>Hazardous Polymerization</th>
<th>Will Not Occur</th>
</tr>
</thead>
<tbody>
<tr>
<td>Stability</td>
<td>Stable</td>
</tr>
<tr>
<td>Hazardous Decomposition</td>
<td>Carbon monoxide, carbon dioxide</td>
</tr>
<tr>
<td>Combustion Products</td>
<td>Strong oxidizing agents</td>
</tr>
<tr>
<td>Conditions &amp; Materials to Avoid</td>
<td></td>
</tr>
</tbody>
</table>

11. TOXICOLOGICAL INFORMATION:

Primary Route(s) of Exposure Under Normal Use:

Target Organ(s):

Acute Effects:

Chronic Effects:

Other Information:

12. ECOLOGICAL INFORMATION: Since insoluble in water not expected to be toxic to aquatic life.

13. DISPOSAL CONSIDERATIONS: Dispose of by means as to comply with local, state and federal regulations or contact an approved and licensed disposal agency.

14. TRANSPORT INFORMATION:

<table>
<thead>
<tr>
<th>U.S. DOT Shipping Name</th>
<th>IATA/ICAO:</th>
</tr>
</thead>
<tbody>
<tr>
<td>Not regulated</td>
<td></td>
</tr>
</tbody>
</table>

15. REGULATORY INFORMATION:

EU Risk/Safety Phrases:

U.S. TOSCA:

Canada:

16. OTHER INFORMATION:

<table>
<thead>
<tr>
<th>U.S. EPA SARA</th>
<th>National Fire Protection Association Rating</th>
</tr>
</thead>
<tbody>
<tr>
<td>313 Chemicals</td>
<td>CERCLA RQ</td>
</tr>
<tr>
<td></td>
<td>4= Severe Hazard</td>
</tr>
<tr>
<td></td>
<td>3=Serious Hazard</td>
</tr>
<tr>
<td></td>
<td>2=Moderate Hazard</td>
</tr>
<tr>
<td></td>
<td>1=Slight Hazard</td>
</tr>
<tr>
<td></td>
<td>0=Minimal Hazard</td>
</tr>
<tr>
<td></td>
<td>HEALTH</td>
</tr>
<tr>
<td></td>
<td>FLAMMABILITY</td>
</tr>
<tr>
<td></td>
<td>REACTIVITY</td>
</tr>
<tr>
<td></td>
<td>OTHER</td>
</tr>
</tbody>
</table>

Notes: Not Established (NE) means a value has not been set or there is no information available. Not Applicable (NA) means that the topic is not pertinent.

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