**PRODUCT NAME:** SupraSize  
**CHEMICAL NAME:** Synthetic Water Soluble Starch  
**CAS NUMBER:** MIXTURE  
**EMERGENCY TELEPHONE NUMBER:** (618) 524-9394

**II. COMPONENTS AND HAZARD INFORMATION**

<table>
<thead>
<tr>
<th>HAZARDOUS COMPONENT</th>
<th>CAS NO. OF COMPONENT</th>
<th>TLV OF COMPONENT</th>
<th>OSHA PEL</th>
<th>APPROXIMATE CONCENTRATION</th>
</tr>
</thead>
<tbody>
<tr>
<td>Synthetic Starch with Proprietary Additives</td>
<td>NE</td>
<td>NE</td>
<td>20%</td>
<td></td>
</tr>
</tbody>
</table>

**D.O.T. Hazard Classification:** Liquid, Non-Hazardous  
**Hazardous Materials Identification System (HMIS):**  
- Health: NE  
- Flammability: NE  
- Reactivity: NE  
**TLV for Total Product:** NE

**III. PHYSICAL DATA**

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Boiling Point</td>
<td>Not determined</td>
</tr>
<tr>
<td>Vapor Pressure</td>
<td>Same as water</td>
</tr>
<tr>
<td>Specific Gravity</td>
<td>1.0 to 1.15</td>
</tr>
<tr>
<td>Flash Point (°F TCC)</td>
<td>Not determined</td>
</tr>
<tr>
<td>Evaporation Rate</td>
<td>Slower than ether</td>
</tr>
</tbody>
</table>

**IV. FIRE AND EXPLOSION DATA**

- **Extinguishing Media:** Remaining material will burn after water evaporation. Use alcohol type or all-purpose for large fires. Use carbon dioxide or dry chemical for small fires.  
- **Special Firefighting Procedures:** Wear breathing apparatus when fighting fires in enclosed areas.  
- **Unusual Fire & Explosion Hazards:** Polymer film can bum and material can splash above 2,12°F (100°C)

**National Fire Protection Association (NFPA) - Hazard Identification:**

<table>
<thead>
<tr>
<th>Health</th>
<th>Flammability</th>
<th>Reactivity</th>
<th>BASIS</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td>Recommended by Laidlaw</td>
</tr>
</tbody>
</table>

**V. HEALTH HAZARD DATA**

**Effects of Overexposure:**

- **Eyes:** Direct contact can cause eye irritations.  
- **Skin:** No evidence of adverse effects from available information.  
- **Breathing:** Inhalation of high vapor or mist concentration can be irritating and may produce symptoms of headache or nausea in poorly ventilated areas.  
- **Swallowing:** No evidence of adverse effects from available information.
SUPRASIZE

First Aid Procedures:

Swallowing: No harmful effects expected.

Skin: Wash affected skin areas with soap and water. Consult a physician if irritation persists.

Inhalation: Remove individual to fresh air. Consult a physician if irritation persists.

Eyes: Flush eyes with a large amount of water for at least 15 minutes. Consult a physician if irritation persists.

Health studies have shown that health risks vary from person to person. As a precaution exposure to liquids, vapors, misty fumes or dust should be minimized. Keep away from children.

VI. REACTIVITY DATA

Hazardous Polymerization: Will not occur.
Stability: Stable; avoid freezing.
Incompatibility: Do not store this material near bases.
Hazardous Decomposition Products: None known.

VII. SPILL OR LEAK PROCEDURES

Steps to be taken in case material is released or spilled:

Major spills should be collected for disposal.
Minor spills may be flushed to sewer if permitted by city, state, federal or other local regulations.
For disposal, incinerate this material at a facility that complies with local, state and federal regulations.

VIII. PROTECTION AND PRECAUTIONS

Respiratory Protection: Use OSHA/NIOSH approved respirator in poorly ventilated areas.

Ventilation: Use local exhaust if needed to control mist or vapor.
Protective Gloves: Use durable, impervious to water and soap.
Eye Protection: Safety glasses.
Other Protective Equipment: None normally needed.

IX. PRECAUTIONS OR OTHER COMMENTS

Precautions to be taken in handling and storing: Maintain good housekeeping. Avoid contact with eyes. Wash thoroughly after handling. Use with adequate ventilation.
The information and recommendations accumulated herein are to the best of Laidlaw's knowledge and belief accurate and reliable as arising out of the use thereof.
HMIS and NFPA recommended ratings are based upon the criteria supplied by the developers of these rating systems together with Laidlaw's interpretation of the available data.