MATERIAL SAFETY DATA SHEET

SECTION I

MANUFACTURER'S NAME
Hydrox Chemical Company

ADDRESS (Number, Street, City, State, and ZIP Code)
170 Kelly St, Elk Grove Village, IL, 60007

CHEMICAL NAME AND SYNONYMS
Isopropanol 70%

FORMULA
\((\text{C}_3\text{H}_7\text{OH})\)

SECTION II - HAZARDOUS INGREDIENTS

<table>
<thead>
<tr>
<th>PAINTS, PRESERVATIVES, &amp; SOLVENTS</th>
<th>% TLV (Units)</th>
<th>ALLOYS AND METALLIC COATINGS</th>
<th>% TLV (Units)</th>
</tr>
</thead>
<tbody>
<tr>
<td>PIGMENTS</td>
<td>N</td>
<td>BASE METAL N</td>
<td></td>
</tr>
<tr>
<td>CATALYST</td>
<td>A</td>
<td>ALLIUMS</td>
<td></td>
</tr>
<tr>
<td>VEHICLE</td>
<td>P</td>
<td>METALLIC COATINGS P</td>
<td></td>
</tr>
<tr>
<td>SOLVENTS</td>
<td>P</td>
<td>FILLER METAL</td>
<td></td>
</tr>
<tr>
<td>ADDITIVES</td>
<td></td>
<td>PLUS COATING OR CORE FLUX</td>
<td></td>
</tr>
<tr>
<td>OTHERS</td>
<td></td>
<td>OTHERS</td>
<td></td>
</tr>
</tbody>
</table>

HAZARDOUS MIXTURES OF OTHER LIQUIDS, SOLIDS, OR GASES

SECTION III - PHYSICAL DATA

<table>
<thead>
<tr>
<th>PROPERTY</th>
<th>VALUE</th>
</tr>
</thead>
<tbody>
<tr>
<td>BOILING POINT (°F.)</td>
<td>approx 87°C</td>
</tr>
<tr>
<td>VAPOR PRESSURE (mm Hg.)</td>
<td>approx 33mm Hg</td>
</tr>
<tr>
<td>VAPOR DENSITY (AIR=1)</td>
<td>approx 2.07</td>
</tr>
<tr>
<td>SOLUBILITY IN WATER</td>
<td>Complete</td>
</tr>
<tr>
<td>APPEARANCE AND ODOR</td>
<td>Colorless liquid. Characteristic odor.</td>
</tr>
</tbody>
</table>

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

<table>
<thead>
<tr>
<th>PROPERTY</th>
<th>VALUE</th>
</tr>
</thead>
<tbody>
<tr>
<td>FLASH POINT (Method used)</td>
<td></td>
</tr>
<tr>
<td>EXTINGUISHING MEDIA</td>
<td>Carbon dioxide, dry chemical or foam.</td>
</tr>
<tr>
<td>FLAMMABLE LIMITS</td>
<td></td>
</tr>
<tr>
<td>SPECIAL FIRE FIGHTING PROCEDURES</td>
<td>Dilution of burning liquid with water will effect extinguishment</td>
</tr>
<tr>
<td>UNUSUAL FIRE AND EXPLOSION HAZARDS</td>
<td>None</td>
</tr>
</tbody>
</table>
SECTION V - HEALTH HAZARD DATA

Threshold Limit Value
400 ppm (skin) ACGIH(1975)

Effects of Overexposure
None expected except for giddiness.

Emergency and First Aid Procedures
Move to fresh air. If swallowed, induce vomiting and call a physician. Flush skin and eye contact with water.

SECTION VI - REACTIVITY DATA

Stability
UNSTABLE
STABLE

Conditions to Avoid
Avoid heat, sparks and open flames

Incompatibility (Materials to avoid)
Anhydride, Isocyanate, Monomer and Organo-Metallic.

Hazardous Decomposition Products
Burn may produce Carbon Monoxide and Carbon Dioxide Contamination

Hazardous Polymerization
MAY OCCUR
WILL NOT OCCUR

SECTION VII - SPILL OR LEAK PROCEDURES

Steps to be Taken in Case Material Is Released or Spilled
Eliminate all sources of ignition. Small spills should be flushed with large quantities of water. Larger spills should be collected for disposal.

Waste Disposal Method
Atomize into an incinerator where permitted under appropriate Federal State and Local regulations.

SECTION VIII - SPECIAL PROTECTION INFORMATION

Respiratory Protection (Specify Type)
Air supplied masks in confined areas

Ventilation
LOCAL EXHAUST
preferred
MECHANICAL (General)
acceptable

Protective Gloves
Rubber or Vinyl Gloves
EYE PROTECTION
Goggles

Other Protective Equipment
Eye Bath and Safety Shower

SECTION IX - SPECIAL PRECAUTIONS

Precautions to be Taken in Handling and Storing
Do not take internally. Flammable liquid. Keep away from heat, sparks and open flames. Keep container closed.

Other Precautions