Material Safety Data Sheet


Section I

Manufacturer's Name: Bruce Products Corp.
Address: 500 N. West St., Howell, Michigan 48843

Trade Name and Synonym: Gem Cool
Formula: Proprietary

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></td>
<td>Base Metal</td>
<td></td>
</tr>
<tr>
<td>Catalyst</td>
<td></td>
<td>Alloys</td>
<td></td>
</tr>
<tr>
<td>Vehicle</td>
<td></td>
<td>Metallic Coatings</td>
<td></td>
</tr>
<tr>
<td>Solvents</td>
<td></td>
<td>Filler Metal plus Coating or Core Flux</td>
<td></td>
</tr>
<tr>
<td>Additives</td>
<td></td>
<td>Others</td>
<td></td>
</tr>
<tr>
<td>Others</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Hazardous Mixtures of Other Liquids, Solids, or Gases

Non-Hazardous

Section III - Physical Data

<table>
<thead>
<tr>
<th>Boiling Point (°F)</th>
<th>Specific Gravity (H₂O = 1)</th>
<th>Solubility in Water</th>
<th>Appearance and Odor</th>
</tr>
</thead>
<tbody>
<tr>
<td>&gt;400</td>
<td>0.944</td>
<td>Emulsifies</td>
<td>Dark brown oil, sweet odor</td>
</tr>
</tbody>
</table>

Vapor Pressure (mm Hg): 3
Vapor Density (Air = 1): <

Section IV - Fire and Explosion Hazard Data

Flash Point (Method Used): CO₂ >500°F
Flammable Limits: LFL Unl
Extinguishing Media: CO₂, foam dry chemical
Special Fire Fighting Procedures: Use air supplied breathing apparatus in confined spaces

Unusual Fire and Explosion Hazards: None

Page (1) (Continued on reverse side)
SECTION V - HEALTH HAZARD DATA

THRESHOLD LIMIT VALUE
Not toxic but - not established

EFFECTS OF OVEREXPOSURE
Nausea, dizziness. Remove victim to fresh air.

EMERGENCY AND FIRST AID PROCEDURES
Wash skin with soapy water. Consult physician.

SECTION VI - REACTIVITY DATA

STABILITY
UNSTABLE
STABLE

CONDITIONS TO AVOID
XX

INCOMPATIBILITY (Materials to avoid)

HAZARDOUS DECOMPOSITION PRODUCTS
CO₂, CO, H₂O, SO₂

HAZARDOUS
POLYMERIZATION
MAY OCCUR
WILL NOT OCCUR

CONDITIONS TO AVOID
XX

SECTION VII - SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IN Case MATERIALS RELEASED OR SPILLED
Soak up with "oil-dri" or flush with water.

WASTE DISPOSAL METHOD
Incinerate "oil-dri" combination. Flush into waste reclamation tanks.

SECTION VIII - SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION (Specify type)
NA

VENTILATION
LOCAL EXHAUST
MECHANICAL (General)

SPECIAL
OTHER

PROTECTIVE GLOVES
None required

EYE PROTECTION
Yes If apt to splash.

OTHER PROTECTIVE EQUIPMENT

SECTION IX - SPECIAL PRECAUTIONS

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING
Protect from freezing.

OTHER PRECAUTIONS