Material Safety Data Sheet

IDENTITY (as Used on Label and List)
LEATHER PREP

Section I
Manufacturer’s name: ROYALTONE
Emergency Telephone Number: 918-663-9666
Address (Number, Street, City, State and ZIP Code):
9504 East 55th Street
Telephone Number for Information: 918-622-6677
Tulsa, OK 74145
Date Prepared: 6/29/10
Signature of Preparer (optional):

Section II—Hazardous Ingredients/Identity Information
Hazardous Components (Specific Chemical Identity, Common Name(s))

<table>
<thead>
<tr>
<th>Component</th>
<th>OSHA PEL</th>
<th>ACGIH TLV</th>
<th>Other Limits Recommended</th>
<th>% (optional)</th>
</tr>
</thead>
<tbody>
<tr>
<td>CSA -111-76-2 ethylene glycol monobutyl ether</td>
<td>25ppm</td>
<td>(solution)</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Section III—Physical/Chemical Characteristics

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Boiling Point</td>
<td>340F</td>
</tr>
<tr>
<td>Specific Gravity (H₂O = 1)</td>
<td></td>
</tr>
<tr>
<td>Vapor Pressure (mm Hg)</td>
<td>0.6</td>
</tr>
<tr>
<td>Melting Point</td>
<td></td>
</tr>
<tr>
<td>Vapor Density (AIR = 1)</td>
<td>4.1</td>
</tr>
<tr>
<td>Evaporation Rate (Butyl Acetate = 1)</td>
<td></td>
</tr>
<tr>
<td>Solubility in Water</td>
<td>complete</td>
</tr>
<tr>
<td>Appearance and Odor</td>
<td>colorless transparent and mild 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>160F PM closed cup</td>
</tr>
<tr>
<td>Flammable Limits O/O volume in air</td>
<td></td>
</tr>
<tr>
<td>LEL</td>
<td>na</td>
</tr>
<tr>
<td>UEL</td>
<td>na</td>
</tr>
<tr>
<td>Extinguishing Media</td>
<td>carbon dioxide or dry chemical for fires. Alcohol type or all purpose type foam</td>
</tr>
<tr>
<td>Special Fire Fighting Procedures</td>
<td>use self contained breathing apparatus and protective clothing</td>
</tr>
<tr>
<td>Unusual Fire and Explosion Hazards</td>
<td>this materials may produce a floating fire hazard fire in extreme conditions</td>
</tr>
</tbody>
</table>

OSHA 174 Sept. 1985
### Section V—Reactivity Data

<table>
<thead>
<tr>
<th>Stability</th>
<th>Unstable</th>
<th>Stable</th>
<th>Conditions to Avoid</th>
<th>X</th>
<th>Heat, sparks, fires, and excessive temperatures</th>
</tr>
</thead>
</table>

**Incompatibility (Materials to Avoid)**
- strong oxidizing agents, acids, strong alkalies

**Hazardous Decomposition or Byproducts**
- CO, CO₂

**Hazardous Polymerization**
- May Occur

**Conditions to Avoid**
- Stable

<table>
<thead>
<tr>
<th>Hazardous Polymerization</th>
<th>May Occur</th>
<th>Conditions to Avoid</th>
<th>X</th>
<th>None known</th>
</tr>
</thead>
</table>

### Section VI—Health Hazard Data

**Route(s) of Entry**
- Inhalation? yes
- Skin? yes
- Ingestion? yes

**Health Hazards (Acute and Chronic)**
- see health known

**Carcinogenicity**
- NTP? no
- IARC Monographs? no
- OSHA Regulated? no

**Signs and Symptoms of Exposure**
- see health hazards

**Medical Conditions**
- Generally Aggravated by Exposure: skin contact may aggravate an existing dermatitis

**Emergency and First Aid Procedures**
- SKIN: wash with soap & water, remover contaminate clothes
- EYES: flush with water for Several minutes
- INHALATION: remove to fresh air, swallowing give 2 glasses of water & induce vomiting
- GET MEDICAL ATTENTION

### Section VII—Precautions for Safe Handling and Use

**Steps to Be Taken in Case Material Is Released or Spilled**
- remove all sources of flame and heat.
- Flush small spills with large amounts of water.
- Dike area of spill using sand, absorbent materials. Collect and put into container for disposal.

**Waste Disposal Method**
- incinerate in a furnace as per Federal, State, and Local regulations

**Precautions to Be Taken in Handling and Storing**
- avoid high heat, flame. Keep container closed use adequate ventilation

**Other Precautions**
- avoid precautions bung open even on empty drum

### Section VII—Control Measures

**Respiratory Protection (Specify Type)**
- air supplied mask in high vapor concentrations

**Ventilation**
- Local Exhaust: yes
- Mechanical (General): yes
- Special: none
- Other: none

**Protective Gloves**
- butyl plastics gloves

**Eye Protection**
- mono goggles

**Other Protective Clothing or Equipment**
- chemical apron, safety shower and eye bath

**Work/Hygienic Practices**
- avoid contact with eyes, skin and clothing. Wash hands after use, avoid breathing vapors