MATERIAL SAFETY DATA SHEET

MANUFACTURERS NAME: P & S Sales Inc
ADDRESS: 20943 Cabot Blvd. Hayward, CA 94545
BUSINESS PHONE: (510) 732-2628
NAME OF PREPARER: D.S. Phillips
DATE PREPARED: 6/1/87 LAST UPDATED: 10/3/07

I. GENERAL

TRADE NAME: Chrome and Glass Polish
OTHER NAMES: 

CHEMICAL FAMILY: Polish emulsion
GENERIC NAME: Polish emulsion

EMERGENCY TELEPHONE NUMBER: 1-(800) 255-3924

II. SPECIAL HAZARDS COMPONENTS

Component Name CAS # % by Wt. Exposure Limits in Air
Ammonium Hydroxide 7664-41-7 3 ppm
Mineral Spirits 8030-30-6 225 ppm
Aliphatic Petroleum Distillate 64742-47-8 5 mg/m3 TWA

# Listed by: 1=IARC 2=EPA 3=GISO 4=CAL/OSHA
Compositions are typical values, not specifications.

III. SUMMARY OF HAZARDS

ACUTE HEALTH- CHRONIC HEALTH-
Swallowing may cause headache, dizziness, nausea and inebriation. High concentrations of vapors may cause narcosis, drowsiness and nausea.

NFPA Rating: Health: 1 Fire: 0 Reactivity: 0
(4=Extreme, 3=High, 2=Moderate, 1=Slight, 0=Insignificant)

IV. FIREFIGHTING PROCEDURES

Flash Point (Method) 105°F
Autoignition Temperature Unknown
Flammable Limits (% Volume in air)
UNUSUAL FIRE AND EXPLOSION HAZARD None known.

EXTINGUISHING MEDIA Foam X Water Spray X Other

SPECIAL SAFETY PRECAUTIONS
Never use welding or cutting torch on or near container, residues can ignite explosively.
Keep containers cool with water spray using fog nozzles.

V. HEALTH HAZARDS

INHALATION Inhalation of high concentrations of vapor may cause headache, dizziness, loss of appetite, weakness and loss of coordination.

EYE CONTACT This material is not a primary eye irritant. However, minor irritation may be noted following contact. Slight membrane irritation was noted in rabbits.

SKIN ABSORPTION This material is not expected to be toxic by skin contact; the acute dermal LD 50 for rats was greater than 19.1 g/Kg.

SKIN IRRITATION The primary irritation score was 3.7 on a scale of 1 to 8. Prolonged or frequently repeated skin contact may cause the skin to become dry or cracked from skin fatiguing.

INGESTION This material is not expected to be toxic by ingestion; the acute oral LD 50 for rats was greater than 15.3 g/Kg

SUMMARY OF CHRONIC HAZARDS AND SPECIAL HEALTH EFFECTS

VI. PROTECTIVE EQUIPMENT AND OTHER CONTROL MEASURES

VENTILATION This product contains mineral clays. For concentrations above 100 ppm, use a NIOSH approved respirator for dust and organic vapor.

EYE SLASH proof safety goggles should be used. Contact lenses should not be worn while working with chemicals.

SKIN Prolonged or frequently repeated skin contact can best be avoided by wearing impervious clothing and boots.

ENGINEERING CONTROLS Use adequate ventilation to keep the vapor or mist concentrations below 100 ppm. This product contains mineral clays. Use of this product with an orbital buffer may generate dust. Provide respirator for dust above TLV.

OTHER HYGIENIC AND WORK PRACTICES Eye bath and safety showers should be available to employees. Avoid contact with eyes skin and clothing. Avoid inhalation of product vapors. Wash thoroughly after handling and before eating, drinking or smoking.
**EMERGENCY AND FIRST AID**

**INHALATION**
Move exposed person to fresh air. Keep warm and at rest. If breathing stops give artificial respiration. If unconscious, give oxygen. Get medical attention as soon as possible.

**EYE CONTACT**
Wash eyes with large amounts of water for 15 min., lifting upper and lower lids occasionally. If irritation persists after washing, get medical attention.

**SKIN CONTACT**
Wash all contaminated skin promptly with soap or mild detergent. Remove contaminated clothing and dry before reuse. If irritation persists, get medical attention.

**INGESTION**
Induce vomiting by making the victim drink a glass of tepid, salted water or sickness a finger down the throat. Cover with a blanket and administer a tablespoon of mineral oil followed by a glass of water with a tablespoon of sodium or magnesium sulfate.

**Suspected Cancer**
No. This product is not found on the Federal OSHA, NTP, IARC, or Cal OSHA lists.

**AGGRAVATED CONDITIONS**
Pre-existing skin, eye and respiratory disorders may be aggravated by exposure to product.

**SPILL AND DISPOSAL**

**PRECAUTIONS IF MATERIAL IS SPILLED OR RELEASED**
Absorb the spill on suitable absorbant and collect for disposal.

**WASTE DISPOSAL METHODS**
Contaminated absorbant may be disposed of in accordance with local, state, and federal regulations.

**PHYSICAL AND CHEMICAL DATA**

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Boiling Point</td>
<td>206 °F</td>
</tr>
<tr>
<td>Freezing Point</td>
<td>=28°F</td>
</tr>
<tr>
<td>Freezing Point (H2O=1)</td>
<td>1.08</td>
</tr>
<tr>
<td>Specific Gravity</td>
<td>18.5 mmHg</td>
</tr>
<tr>
<td>Specific Gravity (H2O=1)</td>
<td>0.40</td>
</tr>
<tr>
<td>Solubility in Water</td>
<td>3</td>
</tr>
<tr>
<td>Solubility in Water (g/100g water @20°C)</td>
<td>9.0</td>
</tr>
<tr>
<td>Viscosity Units, Temp. (Method)</td>
<td>Stable</td>
</tr>
<tr>
<td>Viscosity Units, Temp. (Method)</td>
<td>X</td>
</tr>
<tr>
<td>Percent VOC</td>
<td>80.00%</td>
</tr>
<tr>
<td>Evaporation rate (Water = 1)</td>
<td>0.40</td>
</tr>
<tr>
<td>Hazardous Polymerization</td>
<td>Will not occur</td>
</tr>
<tr>
<td>Chemical Reactivity</td>
<td>Stable</td>
</tr>
</tbody>
</table>

**Appearance and Odor**
Pink abrasive lotion with an Ammonia scent

**Materials to Avoid**
Avoid strong oxidizing agents.

**Conditions to Avoid**
Do not store under freezing conditions or above 120 °F. Protect from physical damage and keep tightly closed.

**Hazardous Decomposition Products**

**ADDITIONAL PRECAUTIONS**

**HANDLING, STORAGE AND DECONTAMINATION PROCEDURES**
Store in cool area away from open sparks or flame.
Do not store under freezing conditions or over 120° F.
Do not store near acids or acidic materials and oxidizers.
Keep out of reach of children.

**GENERAL COMMENTS**

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