# Material Health and Safety Bulletin

**Manufacturer's Name:** T.R. INDUSTRIES  
**Street Address:** 11022 Vulcan Street  
**City, State and Zip Code:** South Gate, California 90280-0893  

**Emergency Phone Number:** (24 Hour)  
Transportation Emergencies Call: CHEMTRAC (800) 424-9300  
Health Emergencies Call: Los Angeles Poison Information Center (800) 876-4766

**Product:** GG-4  
**Gel Gloss**  
**Chemical Name:** Mixture  

**Warning Statement:**  
**Caution:** Combustible  
Contains Petroleum distillates and Morpholine. Harmful if swallowed. If swallowed, DO NOT induce vomiting. Call a Physician immediately. Avoid eye contact and prolonged skin contact. Use in well ventilated area.  
**Keep Out of the Reach of Children.**  
For Industrial/Professional Use.

**CAS Number:** (Not Applicable for Blends) Not Applicable  
**DOT (Proper Shipping Name):** Compound Cleaner, Non-Hazardous  

**Hazard Rating NEPA:**  
- **Fire:** 2  
- **Toxicity:** 2  
- **Reactivity:** 0  
- **Special:**  

## Section 1. Ingredients

<table>
<thead>
<tr>
<th>Ingredient</th>
<th>CAS Number</th>
<th>TLV</th>
<th>Percentages</th>
</tr>
</thead>
<tbody>
<tr>
<td>Mineral Spirits</td>
<td>64741-41-9</td>
<td>500A</td>
<td>45-50%</td>
</tr>
<tr>
<td>(Shoddard Solvents)</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Turpentine</td>
<td>8006-64-2</td>
<td>100A</td>
<td>5%</td>
</tr>
<tr>
<td>Alcohol</td>
<td>67630</td>
<td>100A</td>
<td>5%</td>
</tr>
<tr>
<td>Morpholine</td>
<td>1109-1-8</td>
<td>20B</td>
<td>.75%</td>
</tr>
</tbody>
</table>

**Standard Limit Value:**  
A, OSHA [x]  
B, ACGIH [x]  
C, See Section III  
D, Other  
Cal OSHA [x]
### SECTION IV. SPECIAL PROTECTION INFORMATION

**RESPIRATORY PROTECTION (Specify Type)**
The use of respiratory protection depends on vapor concentration of the time-weighted TLV. Use a respirator/gas mask with appropriate canisters and supplied air equipment, depending on airborne concentration.

**VENTILATION**
If general mechanical ventilation proves inadequate to maintain safe vapor concentrations, supplemental local exhaust may be required. Other special precautions, such as respiratory protection, may be required if vapor concentrations cannot be reduced to below the TLV by ventilation.

**EYE PROTECTION**
Safety glasses and/or face shields are recommended.

**PROTECTIVE GLOVES**
The use of heavy rubber gloves is advised to prevent skin irritation and absorption.

**OTHER PROTECTIVE EQUIPMENT**
Impermeable aprons, availability of eye washes and safety are recommended.

### SECTION V. REACTIVITY DATA

**STABILITY**
Unstable

Conditions to avoid:

Stable X NONE

**INCOMPATIBILITY (Materials to avoid)**
Strong oxidizing agents, strong acids or bases, and selected amines.

**HAZARDOUS DECOMPOSITION PRODUCTS**
Thermal decomposition in the presence of air may yield carbon monoxide and/or carbon dioxide.

**HAZARDOUS POLYMERIZATION**
May Occur

Conditions to avoid:

Will Not Occur X NONE

### SECTION VI. SPILL OR LEAK PROCEDURES

**HIGHWAY OR RAILWAY SPILLS - CALL CHEMTREC (800) 424-9305**

**PRECAUTIONS IN CASE OF RELEASE OR SPILL**
Stay upwind and away from spill unless wearing appropriate protective equipment. Stop and/or contain spill if it can be done safely. Keep all sources of ignition away.

**WASTE DISPOSAL METHOD**
Dispose of product in accordance with applicable local, county, state and Federal regulations.
### SECTION VII. STORAGE AND SPECIAL PRECAUTIONS

<table>
<thead>
<tr>
<th>HANDLING AND STORING PRECAUTIONS</th>
<th>Keep product containers cool, dry and away from sources of ignition. Use and store with adequate ventilation.</th>
</tr>
</thead>
<tbody>
<tr>
<td>OTHER PRECAUTIONS</td>
<td>Personnel should avoid inhalation of vapors. Should contact be made, remove saturated clothing and flush with water.</td>
</tr>
</tbody>
</table>

### SECTION VIII. FIRE AND EXPLOSION HAZARD DATA

<table>
<thead>
<tr>
<th>DOT FLAMMABILITY CLASSIFICATION</th>
<th>Flash Point Range: [ ] 20°F to 100°F. [x] 100°F to 200°F. [ ] Over 200°F. [ ] None to flailing</th>
</tr>
</thead>
<tbody>
<tr>
<td>EXTINGUISHING MEDIA</td>
<td>Use Foam, CO₂ or dry chemical fire fighting apparatus.</td>
</tr>
<tr>
<td>UNUSUAL FIRE &amp; EXPLOSION HAZARDS</td>
<td>Keep work areas free of hot metal surfaces and other sources of ignition.</td>
</tr>
<tr>
<td>HAZARDOUS POLYMERIZATION</td>
<td>The use of self-contained breathing apparatus is recommended for fire fighters. Avoid spreading burning liquid with water. Contact Fire Dept. immediately.</td>
</tr>
</tbody>
</table>

### SECTION IX. PHYSICAL DATA

<table>
<thead>
<tr>
<th>APPROXIMATE Vapor Density: [ ] Heavier [x] Lighter</th>
<th>BOILING RANGE: &quot;F [80-307]&quot;</th>
</tr>
</thead>
<tbody>
<tr>
<td>EVAPORATION RATE: [ ] Faster [x] Slower Than Either</td>
<td>Percent Volatile: 65%</td>
</tr>
<tr>
<td>SPECIFIC GRAVITY: [x] Lighter [ ] Heavier Than Water</td>
<td>Solubility in water: NEGLIGIBLE</td>
</tr>
<tr>
<td>Weight Per Gallon: 7.72 LBS</td>
<td></td>
</tr>
</tbody>
</table>

### SECTION X. DOCUMENTARY INFORMATION

Product Code: GO-1 Issue date: 2/03 Prepared By: R.L./C.R.

All information appearing herein is based upon data obtained from the manufacturer and/or recognized technical sources. While the information is believed to be accurate, we make no representations as to its accuracy or sufficiency. Conditions of use are beyond our control and therefore users are responsible to verify this data under their own operating conditions to determine whether the product is suitable for their particular purposes and they assume all risks of their use, handling, and disposal of the product, or from the publication of use of, or reliance upon, information contained herein. This information relates only to the product designated herein, and does not relate to its use in combination with any other material or in any other process.
## Section II. EMERGENCY AND FIRST AID PROCEDURES

**EMERGENCY:** Have a physician call LOS ANGELES POISON INFORMATION CENTER (24 Hrs.) (800) 876-4766

<table>
<thead>
<tr>
<th>EYE CONTACT</th>
<th>Gently flush with large quantities of water for at least 15 minutes. Seek medical attention immediately.</th>
</tr>
</thead>
<tbody>
<tr>
<td>SKIN CONTACT</td>
<td>Remove any contaminated clothing. Wash with soap and large quantities of water. Seek medical attention if irritated.</td>
</tr>
<tr>
<td>INHALATION</td>
<td>If breathing difficulties, dizziness, or light-headedness occur when working in areas with high vapor concentration, move to outside air immediately. If breathing stops, begin artificial respiration and seek immediate medical attention.</td>
</tr>
<tr>
<td>INGESTION</td>
<td>If this product is swallowed, seek medical attention immediately. DO NOT induce vomiting unless directed by a physician.</td>
</tr>
</tbody>
</table>

## Section III. PHYSIOLOGICAL EFFECTS AND HEALTH INFORMATION

**EYE EFFECTS**
This product may be an eye irritant.

**SKIN EFFECTS**
Prolonged skin contact may result in irritation and/or Dermatitis.

**SYSTEMIC EFFECTS**
Various studies have shown a possible association with exposure to this product and the following:

**CARCINOGENICITY IARC MONOGRAPHI OSHA**
NONE KNOWN