**General Information**

- **Company's Name:** UNITED GILSONITE LABORATORIES
- **Company's Street:** JEFFERSON AVE & NEW YORK ST
- **Company's City:** SCRANTON
- **Company's State:** PA
- **Company's Country:** US
- **Company's Zip Code:** 18501
- **Company's Emerg Ph #:** 800-424-9300 (CHEMTREC)
- **Company's Info Ph #:** 717-344-1202
- **Record No. For Safety Entry:** 001
- **Tot Safety Entries This Stk#:** 001
- **Status:** SMJ
- **Date MSDS Prepared:** 01JAN90
- **Safety Data Review Date:** 02AUG95
- **MSDS Serial Number:** BPKCM
- **Hazard Characteristic Code:** F4

**Ingredients/Identity Information**

### Proprietary: NO

<table>
<thead>
<tr>
<th>Ingredient</th>
<th>Sequence Number</th>
<th>Percent</th>
<th>NIOSH (RTECS) Number</th>
<th>CAS Number</th>
<th>OSHA PEL</th>
<th>ACGIH TLV</th>
</tr>
</thead>
<tbody>
<tr>
<td>STODDARD SOLVENT; (MINERAL SPIRITS). VP:&lt;10 @ 77F.</td>
<td>01</td>
<td>10</td>
<td>WJ8925000</td>
<td>8052-41-3</td>
<td>500 PPM</td>
<td>100 PPM; 9293</td>
</tr>
<tr>
<td>KEROSENE. VP:5</td>
<td>02</td>
<td>5</td>
<td>OA55000000</td>
<td>8008-20-6</td>
<td>500 PPM (MFR)</td>
<td></td>
</tr>
<tr>
<td>AROMATIC PETROLEUM DISTILLATE; (MINERAL SPIRITS). VP: 3 @ 68F.</td>
<td>03</td>
<td>35</td>
<td>1003045AP</td>
<td>64741-41-9</td>
<td>100 PPM (MFR)</td>
<td></td>
</tr>
<tr>
<td>POLYURETHANE RESIN; (MODIFIED POLY-URETHANE RESIN)</td>
<td>04</td>
<td>50</td>
<td>1000584PR</td>
<td></td>
<td>NOT APPLICABLE</td>
<td>NOT APPLICABLE</td>
</tr>
</tbody>
</table>

**Physical/Chemical Characteristics**

- **Boiling Point:** >305F, >152C
- **Vapor Density (Air=1):** HVR/AIR
- **Specific Gravity:** 0.89 (PP N)
- **Evaporation Rate And Ref:** SLOWER THAN ETHER
Percent Volatiles By Volume: 57.0

Fire and Explosion Hazard Data

- Flash Point: 100°F, 38°C
- Lower Explosive Limit: 0.9%
- Extinguishing Media: FOAM, "ALCOHOL", CO2, DRY CHEMICAL, WATER FOG
- Special Fire Fighting Proc: WEAR NIOSH/MSHA APPROVED SCBA AND FULL PROTECTIVE EQUIPMENT (FP N). WATER SPRAY MAY BE INEFFECTIVE. IF WATER IS USED, FLUSH NOZZLE AREA PRIOR TO WATER (SUPP DATA)
- Unusual Fire And Expl Hazards: KEEP CONTAINERS TIGHTLY CLOSED. ISOLATE FROM HEAT, SPARKS, ELECTRICAL EQUIPMENT AND OPEN FLAME. CLOSED CONTAINERS MAY EXPLODE WHEN EXPOSED TO EXTREME HEAT.

Reactivity Data

- Stability: YES
- Cond To Avoid (Stability): HEAT, SPARKS, OPEN FLAMES, HIGH TEMPERATURE
- Materials To Avoid: STRONG OXIDIZING AGENTS
- Hazardous Decomp Products: FUMES, SMOKE, CO, CO2, ALDEHYDES AND OTHER DECOMPOSITION PRODUCTS, IN CASE OF INCOMPLETE COMBUSTION.
- Hazardous Poly Occur: NO
- Conditions To Avoid (Poly): NOT RELEVANT

Health Hazard Data

- LD50-LC50 Mixture: NONE SPECIFIED BY MANUFACTURER.
- Route Of Entry - Inhalation: YES
- Route Of Entry - Skin: YES
- Health Haz Acute And Chronic: IRRIT TO EYES AND RESP TRACT, HEADACHES, & DIZZ, AFFECTS CNS. PROLONGED OR REPEATED SKIN CONTACT TENDS TO REMOVE SKIN OILS, LEADING TO IRRITATION AND DERMATITIS. REPORTS HAVE ASSOCIATED REPEATED AND PROLONGED OCCUPATIONAL OVEREXPOSURE TO SOLVENTS W/PERMNENT BRAIN & CNS DAMAGE. INTENTIONAL MISUSE BY (EFTS OF OVEREXP)
- Carcinogenicity - NTP: NO
- Carcinogenicity - IARC: NO
- Carcinogenicity - OSHA: NO
- Explanation Carcinogenicity: NOT RELEVANT
- Signs/Symptoms Of Overexp: HLTH HAZ: DELIBERATELY CONCENTRATING AND INHALATING THE CONTENTS MAY BE HARMFUL OR FATAL.
- Med Cond Aggravated By Exp: KIDNEY DISEASES RESPIRATORY ILLNESS, SKIN ALLERGIES.
- Emergency/First Aid Proc: EYE: FLUSH IMMEDIATELY WITH LARGE AMOUNTS OF WATER. CONSULT PHYSICIAN IMMEDIATELY. INHALATION: REMOVE TO FRESH AIR, RESTORE BREATHING.
- Carcinogenicity - NTP: NO
- Carcinogenicity - IARC: NO
- Carcinogenicity - OSHA: NO
- Explanation Carcinogenicity: NOT RELEVANT

Precautions for Safe Handling and Use

- Steps If Matl Released/Spill: REMOVE ANY NON-REQUIRED PERSONNEL. REMOVE ANY SOURCES OF IGNITION. PROVIDE ADEQUATE VENTILATION AND/OR SCBA. DIKE SPILL, APPLY ABSORBENT MATERIAL. USING NON-SPARKING TOOLS, SCRAPE UP AND STORE IN CLOSED METAL CONTAINER. AVOID BREATHING VAPORS.
- Neutralizing Agent: NONE SPECIFIED BY MANUFACTURER.
- Waste Disposal Method: DISPOSE OF IN APPROVED SITES ACCORDING TO LOCAL, STATE, AND FEDERAL REGULATIONS.
- Precautions-Handling/Storing: AVOID BREATHING DUST. AVOID STORAGE AT TEMPERATURES GREATER THAN 90 DEGREES (F) OR NEAR HEAT, SPARKS, ELECTRICAL EQUIPMENT OR OPEN FLAMMERS.
- Other Precautions: AVOID PROLONGED CONTACT WITH SKIN. PREVENT PROLONGED OR REPEATED BREATHING OF VAPORS OR SPRAY MIST. TO AVOID SPONTANEOUS COMBUSTION DURING TEMPORARY STORAGE, SOAK SOILED RAGS & WASTE IMMEDIATELY AFTER USE, IN WATER FILLED, CLOSED METAL CONTAINER.
Respiratory Protection: WEAR NIOSH/MSHA APPROVED RESPIRATOR WITH ORGANIC VAPOR AND SOLID PARTICLE FILTER CARTRIDGES.

Ventilation: USE ADEQUATE VENTILATION IN VOLUME AND PATTERN TO MAINTAIN LEVEL BELOW THAT LISTED IN INGRED SECTION.

Protective Gloves: NEOPRENE RUBBER GLOVES.

Eye Protection: CHEMICAL WORKERS GOGGLES (FP N).

Other Protective Equipment: REMOVE AND WASH CONTAMINATED BEFORE REUSE.

Work Hygienic Practices: WASH HANDS BEFORE EATING, SMOKING, OR USING THE WASHROOM.

Suppl. Safety & Health Data: FIRE FIGHT PROC: MAY BE USED TO COOL CLOSED CONTAINERS TO PREVENT PRESSURE BUILD UP AND POSSIBLE AUTO IGNITION OR EXPLOSION WHEN EXPOSED TO EXTREME HEAT.

Transportation Data

DOT Proper Shipping Name: FLAMMABLE LIQUIDS, N.O.S.
DOT Class: 3
DOT ID Number: UN1993
DOT Pack Group: III
DOT Label: FLAMMABLE LIQUID

IMO Proper Shipping Name: FLAMMABLE LIQUID, N.O.S. o
IMO Class: 3.3
IMO Subsidiary Risk Label: -
IMO UN Number: 1993
IMO UN Class: 3
IMO Label: FLAMMABLE LIQUID

IATA Prop. Shipping Name: FLAMMABLE LIQUIDS, N.O.S.
IATA Class: 3
IATA UN ID Number: 1993
IATA UN Class: 3
IATA Label: FLAMMABLE LIQUID

AFI Prop. Shipping Name: FLAMMABLE LIQUIDS, N.O.S.
AFI Class: 3
AFI ID Number: UN1993
AFI Pack Group: III
AFI Basic Pac Ref: 7-7

Disposal Data

Label Required: YES
Technical Review Date: 01JUL92
Label Status: G
Common Name: 015, ZAR GLOSS POLYURETHANE
Chronic Hazard: YES
Signal Word: WARNING!
Acute Health Hazard-Moderate: X
Contact Hazard-Moderate: X
Fire Hazard-Moderate: X
Reactivity Hazard-None: X

Special Hazard Precautions: COMBUSTIBLE. CLASS II. KEEP AWAY FROM HEAT, SPARKS, FLAME. ACUTE: OVEREXPOSURE CAUSES IRRITATION TO EYES AND RESPIRATORY TRACT, HEADACHES, DIZZINESS, AND CENTRAL NERVOUS SYSTEM EFFECTS. INTENTIONAL MISUSE BY CONCENTRATING AND INHALING MAY BE HARMFUL OR FATAL. CHRONIC: PROLONGED OR REPEATED SKIN CONTACT CAUSE DEPATTING, IRRITATING, AND DERMATITIS. PROLONGED AND REPEATED OCCUPATIONAL OVEREXPOSURE TO SOLVENT MAY CAUSE PERMANENT BRAIN AND NERVOUS SYSTEM DAMAGE.

Protect Eye: Y
Protect Skin: Y
Protect Respiratory: Y
Label Name: UNITED GILSONITE LABS
Label Street: JEFFERSON AVE & NEW YORK ST
Label City: SCRANTON
Label State: PA
Label Zip Code: 18501
Label Country: US
Label Emergency Number: 800-424-9300 (CHEMTREC)