MATERIAL SAFETY DATA SHEET

6900 Pre Clean

DATE: 01/22/98

THIS MSDS COMPLIES WITH 29 CFR 1810.1200 (HAZARD COMMUNICATION STANDARD)

IMPORTANT: Read this MSDS before handling and disposing of this product.
Pass this information on to employees, customers, & users of this product.

SECTION 1. CHEMICAL PRODUCTS & COMPANY IDENTIFICATION / HAZARD RATINGS

PRODUCT IDENTITY: Blend # 6900  6900 Pre Clean
HEALTH RATINGS:

COMPANY IDENTITY: P.P.C., INC.
HEALTH (NFPA) = 2

COMPANY ADDRESS: 1000 ARMORY PLACE
HEALTH (HMIS) = 2
BRANDENBURG, KY 40108
FLAMMABILITY = 3

COMPANY PHONE: 1-270-422-5661
REACTIVITY = 0

CHEMTREC PHONE: 1-800-424-9300

REGULATORY INFO. NO.:
1-800-326-3751

SECTION 2. INGREDIENT & REGULATORY INFORMATION

All components of this product are on the TSCA list.

SARA Title III Section 313 Supplier Notification
This product contains the indicated "<" toxic chemicals subject to the reporting requirements of Section 313 of the Emergency Planning & Community Right-To-Know Act of 1986 & of 40 CFR 372. This information must be included in all MSDSs that are copied and distributed for this material.

SARA TITLE III INGREDIENTS

<table>
<thead>
<tr>
<th>MATERIAL</th>
<th>CAS#</th>
<th>WT. %</th>
<th>(REG.SECTION)</th>
<th>RQ (LBS)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Light Aliphatic Solvent Naphtha</td>
<td>*64742-89-8</td>
<td>Not Appl.</td>
<td>(311, 312)</td>
<td>None</td>
</tr>
<tr>
<td>Isopropanol</td>
<td>67-63-0</td>
<td>Not Appl.</td>
<td>(311, 312)</td>
<td>None</td>
</tr>
<tr>
<td>*Mixed Xylenes</td>
<td>1330-20-7</td>
<td>6</td>
<td>(311, 312, 313, RCRA)</td>
<td>100</td>
</tr>
<tr>
<td>*Ethylbenzene</td>
<td>67-56-1</td>
<td>&lt; 5</td>
<td>(311, 312, 313, RCRA)</td>
<td>1000</td>
</tr>
</tbody>
</table>

SARA SECTION 311/312 HAZARDS: Acute Health, Fire

MATERIAL

<table>
<thead>
<tr>
<th>MATERIAL</th>
<th>CAS#</th>
<th>TWA (OSHA)</th>
<th>TLV (ACGIH)</th>
<th>HAP</th>
</tr>
</thead>
<tbody>
<tr>
<td>Light Aliphatic Solvent Naphtha</td>
<td>*64742-89-8</td>
<td>500 ppm</td>
<td>300 ppm</td>
<td>No</td>
</tr>
<tr>
<td>Isopropanol</td>
<td>67-63-0</td>
<td>400 ppm</td>
<td>400 ppm</td>
<td>No</td>
</tr>
<tr>
<td>*Mixed Xylenes</td>
<td>1330-20-7</td>
<td>100 ppm</td>
<td>100 ppm</td>
<td>Yes</td>
</tr>
<tr>
<td>*Ethylbenzene</td>
<td>67-56-1</td>
<td>100 ppm</td>
<td>100 ppm</td>
<td>Yes</td>
</tr>
</tbody>
</table>

In addition to EPA Hazardous Air pollutants showing 'Yes' under "HAP" above, using manufacturers' data, based on EPA Method 311, the following EPA Hazardous Air Pollutants may be present in trace amounts (less than 0.1%) = Benzene, Cumene

MATERIAL

<table>
<thead>
<tr>
<th>MATERIAL</th>
<th>CAS#</th>
<th>CEILING</th>
<th>STEL (OSHA/ACGIH)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Light Aliphatic Solvent Naphtha</td>
<td>*64742-89-8</td>
<td>None Known</td>
<td>5.3E3 ppm</td>
</tr>
<tr>
<td>Isopropanol</td>
<td>67-63-0</td>
<td>None Known</td>
<td>500 ppm</td>
</tr>
<tr>
<td>*Mixed Xylenes</td>
<td>1330-20-7</td>
<td>None Known</td>
<td>150 ppm</td>
</tr>
<tr>
<td>*Ethylbenzene</td>
<td>67-56-1</td>
<td>None Known</td>
<td>125 ppm</td>
</tr>
</tbody>
</table>
THIS PRODUCT MEETS REQUIREMENTS OF SOUTHERN CALIFORNIA AQMD RULE 443.1 & SIMILAR REGULATIONS

CALIFORNIA PROPOSITION 65: This product contains the following chemicals known to the state of California to cause cancer & reproductive toxicity: a trace of Benzene

IF > 1472 POUNDS OF THIS PRODUCT IS IN ONE CONTAINER THE "RQ" IS EXCEEDED.

DOT SHIPPING NAME: Paint Related Material, 3, UN1263, PG II
DRUM LABEL: (FLAMMABLE LIQUID)

SECTION 3. HAZARDS IDENTIFICATION

MATERIAL

<table>
<thead>
<tr>
<th>CAS#</th>
<th>LOWEST KNOWN LETHAL DOSE DATA</th>
</tr>
</thead>
<tbody>
<tr>
<td>Xylene</td>
<td>1330-20-7</td>
</tr>
<tr>
<td></td>
<td>LOWEST KNOWN LD50 (ORAL)</td>
</tr>
<tr>
<td></td>
<td>4000.0 mg/kg (Rats)</td>
</tr>
<tr>
<td>Super VM&amp;P</td>
<td>*64742-68-8</td>
</tr>
<tr>
<td></td>
<td>LOWEST KNOWN LC50 (VAPORS)</td>
</tr>
<tr>
<td></td>
<td>3400.0 mg/kg (Rats)</td>
</tr>
</tbody>
</table>

THRESHOLD LIMIT VALUE: 260 ppm (Evaporated Blend)

CONTAINS: LIGHT ALIPHATIC SOLVENT NAPHTHA, ISOPROPANOL, MIXED XYLENES, ETHYLBENZENE

WARNING!!

FLAMMABLE!!

ACUTE HAZARDS

EYE & SKIN CONTACT:

Primary irritation to skin, defatting, dermatitis. Absorption thru skin increases exposure. Primary irritation to eyes, redness, tearing, blurred vision. Liquid can cause eye irritation. Wash thoroughly after handling.

INHALATION:

Anesthetic. Irritates respiratory tract. Acute overexposure can cause serious nervous system depression. Vapor harmful. Breathing vapor can cause irritation. Acute overexposure can cause damage to kidneys, blood, nerves, liver & lungs.

SWALLOWING:

Harmful or fatal if swallowed. Swallowing can cause abdominal irritation, nausea, vomiting & diarrhea.

SUBCHRONIC HAZARDS / CONDITIONS AGGRAVATED

CONDITIONS AGGRAVATED

Chronic overexposure can cause damage to kidneys, blood, nerves, liver, & lungs. Persons with severe skin, liver or kidney problems should avoid use.

CHRONIC HAZARDS

CANCER, REPRODUCTIVE & OTHER CHRONIC HAZARDS:

Due to metabolic differences, the results are not relevant in humans. This product may contain less than 84 ppm of Benzene. Not considered hazardous in such low concentrations. Absorption through skin may be harmful. Studies with laboratory animals indicate this product can cause damage to fetus.

SECTION 4. FIRST AID MEASURES PROCEDURES

EYE CONTACT:

For eyes, flush with plenty of water for 15 minutes & get medical attention.

SKIN CONTACT:

In case of contact with skin immediately remove contaminated clothing. Wash thoroughly with soap & water. Wash contaminated clothing before reuse. (Discard contaminated shoes)

INHALATION:

After high vapor exposure, remove to fresh air. If breathing is difficult, give oxygen. If breathing has stopped give artificial respiration. CALL A PHYSICIAN IMMEDIATELY!

SWALLOWING:

If swallowed, CALL A PHYSICIAN IMMEDIATELY! Do NOT induce vomiting. Have patient lie down & keep warm. Vomiting may lead to pneumonitis, which may be fatal.
SECTION 5. FIRE FIGHTING MEASURES

AUTO IGNITION TEMPERATURE: 287 °C / 550 °F (Lowest Component)
LOW FLAMMABLE LIMIT IN AIR (% by vol): 1.3
FLASH POINT (TEST METHOD): 12 °C / 54 °F (TCC) (Lowest Component)
FLAMMABILITY CLASSIFICATION: Class I B

EXTINGUISHING MEDIA
NFPA Class B extinguishers (Carbon Dioxide or foam) for Class I B liquid fires.

SPECIAL FIRE FIGHTING PROCEDURES
Water spray may be ineffective on fire but can protect fire-fighters & cool closed containers. Use fog nozzles if water is used.
Do not enter confined fire-space without full bunker gear. (Helmet with face shield, bunker pants, gloves & rubber boots).
Use NIOSH approved positive-pressure self-contained breathing apparatus.

UNUSUAL EXPLOSION AND FIRE PROCEDURES
Keep container tightly closed.
Isolate from oxidizers, heat, sparks, electric equipment & open flame.
Closed containers may explode if exposed to extreme heat.
Applying to hot surfaces requires special precautions.
Empty container very hazardous! Continue all label precautions.

SECTION 6. ACCIDENTAL RELEASE MEASURES

SPILL OR LEAK PROCEDURES
Stop spill at source. Dike area & contain. Clean up remainder with absorbent materials. Mop up & dispose of. Persons without proper protection should be kept from area until cleaned up.

WASTE DISPOSAL METHOD
Recycle or dispose of observing local, state & Federal health, safety & pollution laws. If questions exist, contact the appropriate agencies.

OTHER PRECAUTIONS
Vapors may ignite explosively & spread long distances. Prevent vapor buildup. Put out pilot lights & turn off heaters, electric equipment & other ignition sources during use & until all vapors are gone.

SECTION 7. HANDLING AND STORAGE

HANDLING
Isolate from oxidizers, heat, sparks, electric equipment & open flame.
Use only with adequate ventilation. Avoid breathing of vapor or spray mist.
Avoid contact with skin & eyes.
Wear OSHA Standard goggles or face shield. Consult Safety Equipment Supplier.
Wear gloves, apron & footwear impervious to this material. Wash clothing before reuse.
Avoid free fall of liquid. Ground containers when transferring. Do not flame cut, saw, drill, braze, or weld. Empty container very hazardous! Continue all label precautions!

STORAGE
Do not store above 49 °C / 120 °F. Store large amounts in structures made for OSHA Class I B liquids.
Keep container tightly closed & upright when not in use to prevent leakage.
SECTION 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

**EXPOSURE CONTROLS**
Ventilate to keep vapors of this material below 130 ppm. If over TLV, in accordance with 29 CFR 1910.134, use NIOSH approved positive-pressure self-contained breathing apparatus. Consult Safety Equipment Supplier. Use explosion-proof equipment.

**VENTILATION**
- LOCAL EXHAUST: Necessary
- MECHANICAL (GENERAL): Acceptable
- SPECIAL: None
- OTHER: None

**PERSONAL PROTECTIONS:**
- Wear OSHA Standard goggles or face shield. Consult Safety Equipment Supplier.
- Wear gloves, apron & footwear impervious to this material. Wash clothing before reuse.

**SECTION 9. PHYSICAL DATA**

**APPEARANCE:** Liquid, Water-White

**ODOR:** Alcohol

**BOILING RANGE:** 83 127 143 C / 182 261 290 F

**GRAVITY @ 60 F:**
- SPECIFIC GRAVITY (Water = 1): 52.8
- API: 52.8
- POUNDS / GALLON: 1402

**VOC'S (<0.44 LBS / SQ IN):**
- TOTAL VOC'S (TVOC): 100.0 Vol. % / 768.6 g/L / 6.402 Lbs/Gal
- NONEXEMPT VOC'S (CVOC): 100.0 Vol. % / 768.6 g/L / 6.402 Lbs/Gal

**Hazardous Air Pollutants (HAPS)**
- Vapor Pressure (mm of Hg) @ 20 C: 8.5 Vol. % / 85.3 g/L / .543 Lbs/Gal

**VAPOR DENSITY (Air = 1):** 3.7

**WATER ABSORPTION:** Moderate

**SOLVENCY PARAMETERS:**
- HKB (Hydrogen Bonding): 16.8
- PKB (Polarity): 34.1
- DKB (Dispersion): 49.1

**REFRACTIVE INDEX:** 1.425

**MIXED ANILINE POINT (Acid Insol):** 56 C / 133 F

**SECTION 10. REACTIVITY DATA**

**STABILITY**
- Stable

**CONDITIONS TO AVOID**
- Isolate from oxidizers, heat, sparks, electric equipment, & open flame.

**MATERIALS TO AVOID**
- Isolate from strong oxidizers such as permangantes, chromates, & peroxides.

**HAZARDOUS DECOMPOSITION PRODUCTS**
- Carbon Monoxide, Carbon Dioxide from burning.

**HAZARDOUS POLYMERIZATION**
- Will not occur.

**NOTICE**
The supplier disclaims all expressed or implied warranties of merchantability or fitness for a specific use, with respect to the product or the information provided herein, except for conformation to contracted specifications. All information appearing herein is based upon data obtained from manufacturers 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 for verifying the 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. Users also assume all risks in regards to the publication or use of, or reliance upon, information contained herein. This information relates only to the product designated herein, and does not related to its use in combination with any other material or process.