1. PRODUCT AND COMPANY IDENTIFICATION

Product Name: LACQUER THINNER PREMIUM
Reference #: 1601.4
Company Name: W. M. Barr
2105 Channel Avenue
Memphis, TN 38113
Phone Number: (901)775-0100

Web site address: www.wmbarr.com
Emergency Contact: 3E 24 Hour Emergency Contact
Information: W.M. Barr Customer Service
(800)451-8346 (800)398-3892

Intended Use: Thins lacquer and expoxy; cleans brushes, tools & equipment after lacquer projects.
Synonyms: GLT27

Additional Information
This product is regulated by the United States Consumer Product Safety Commission and is subject to certain labeling requirements under the Federal Hazardous Substances Act. These requirements differ from the classification criteria and hazard information required for safety data sheets (SDS). The product label also includes other important information, including directions for use, and should always be read in its entirety prior to using the product.

2. HAZARDS IDENTIFICATION

Flammable Liquids, Category 2
Acute Toxicity: Oral, Category 4
Acute Toxicity: Inhalation, Category 4
Skin Corrosion/Irritation, Category 2
Serious Eye Damage/Eye Irritation, Category 2
Toxic To Reproduction, Category 2
Specific Target Organ Toxicity (single exposure), Category 1
Specific Target Organ Toxicity (repeated exposure), Category 2
Aspiration Toxicity, Category 1

GHS Signal Word: Danger
GHS Hazard Phrases:
H225: Highly flammable liquid and vapor.
H302: Harmful if swallowed.
H304: May be fatal if swallowed and enters airways.
H315: Causes skin irritation.
H319: Causes serious eye irritation.
H332: Harmful if inhaled.
H361: Suspected of damaging fertility or the unborn child.
H370: Causes damage to organs.
H373: May cause damage to organs through prolonged or repeated exposure.

GHS Precaution Phrases:
P201: Obtain special instructions before use.
P202: Do not handle until all safety precautions have been read and understood.
P210: Keep away from heat/sparks/open flames/hot surfaces. - No smoking.
P233: Ground/bond container and receiving equipment.
P244: Use explosion-proof electrical/ventilating/lighting equipment.
P243: Take precautionary measures against static discharge.
P260: Do not breathe gas/mist/vapors/spray.
**SAFETY DATA SHEET**  
**LACQUER THINNER PREMIUM**

P264: Wash hands thoroughly after handling.
P270: Do not eat, drink or smoke when using this product.
P271: Use only outdoors or in a well-ventilated area.
P280: Wear protective gloves/protective clothing/eye protection/face protection.
P281: Use personal protective equipment as required.
P301+310: IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.
P312: Call a POISON CENTER or doctor/physician if you feel unwell.
P302+352: IF ON SKIN: Wash with plenty of soap and water.
P303+361+353: IF ON SKIN (or hair): Remove/take off immediately all contaminated clothing. Rinse skin with water/shower.
P304+340: IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.
P305+351+338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P307+311: IF exposed: Call a POISON CENTER or doctor/physician.
P308+313: IF exposed or concerned: Get medical attention/advice.
P314: Get medical attention/advice if you feel unwell.
P321: Specific treatment see label.
P330: Rinse mouth.
P331: Do NOT induce vomiting.
P332+313: If skin irritation occurs, get medical advice/attention.
P337+313: If eye irritation persists, get medical advice/attention.
P362: Take off contaminated clothing and wash before re-use.
P370+378: In case of fire, use dry chemical powder to extinguish.
P403+235: Store in cool/well-ventilated place.
P405: Store locked up.
P501: Dispose of contents/container according to local, state and federal regulations.

**GHS Response Phrases:**

**GHS Storage and Disposal Phrases:**

**Hazard Rating System:**

**OSHA Regulatory Status:**

**Potential Health Effects (Acute and Chronic):**

This material is classified as hazardous under OSHA regulations.

Inhalation Acute Exposure Effects:

Vapor harmful. May cause dizziness; headache; watering of eyes; irritation of respiratory tract; weakness; drowsiness; nausea; numbness in fingers, arms and legs; depression of central nervous system; loss of appetite; fatigue; hallucinations; light headedness; visual disturbances; giddiness and intoxication; sleepiness; cough and dyspnea; cold, clammy extremities; diarrhea; vomiting; dilation of pupils; spotted vision. Severe overexposure may cause convulsions; unconsciousness; coma; and death. Intentional misuse of this product by deliberately concentrating and inhaling can be harmful or fatal.

Skin Contact Acute Exposure Effects:

May be absorbed through the skin. May cause irritation; numbness in the fingers and arms; drying of skin; and dermatitis. May cause increased severity of symptoms listed under inhalation.

Eye Contact Acute Exposure Effects:

This material is an eye irritant. May cause irritation; burns; conjunctivitis of eyes; and corneal ulcerations of the eye. Vapors may irritate eyes.

Ingestion Acute Exposure Effects:
Poison. Cannot be made non-poisonous. May be fatal or cause blindness. May cause dizziness; headache; nausea; vomiting; burning sensation in mouth, throat, and stomach; loss of coordination; depression of the central nervous system; narcosis; stupor; gastrointestinal irritation; liver, kidney, and heart damage; diarrhea; loss of appetite; coma and death. May produce symptoms listed under inhalation.

Chronic Exposure Effects:
Reports have associated repeated and prolonged overexposure to solvents with neurological and other physiological damage. Prolonged or repeated contact may cause dermatitis. Prolonged skin contact may result in absorption of a harmful amount of this material. May cause conjunctivitis; gastric disturbances; insomnia; dizziness; headache; weakness; fatigue; nausea; heart palpitations; skin irritation; numbness in hands and feet; permanent central nervous system changes; some loss of memory; pancreatic damage; giddness; visual impairment or blindness; kidney or liver damage; and death. May cause symptoms listed under inhalation.

Medical Conditions Generally Aggravated By Exposure: Diseases of the skin, eyes, liver, kidneys, central nervous system and respiratory system.

3. COMPOSITION/INFORMATION ON INGREDIENTS

<table>
<thead>
<tr>
<th>CAS #</th>
<th>Hazardous Components (Chemical Name)</th>
<th>Concentration</th>
<th>RTECS #</th>
</tr>
</thead>
<tbody>
<tr>
<td>108-88-3</td>
<td>Toluene {Benzene, Methyl-; Toluol}</td>
<td>70.0 -80.0 %</td>
<td>XS5250000</td>
</tr>
<tr>
<td>67-63-0</td>
<td>Isopropyl alcohol {sec-Propyl alcohol; IPA; 2-Propanol}</td>
<td>10.0 -15.0 %</td>
<td>NT8050000</td>
</tr>
<tr>
<td>78-93-3</td>
<td>Methyl ethyl ketone {MEK; 2-Butanone}</td>
<td>5.0 -10.0 %</td>
<td>EL6475000</td>
</tr>
<tr>
<td>67-56-1</td>
<td>Methanol {Methyl alcohol; Carbinol; Wood alcohol}</td>
<td>1.0 -5.0 %</td>
<td>PC1400000</td>
</tr>
<tr>
<td>67-64-1</td>
<td>Acetone {2-Propanone}</td>
<td>1.0 -5.0 %</td>
<td>AL3150000</td>
</tr>
<tr>
<td>108-65-6</td>
<td>Propylene glycol methyl ether acetate (PMA glycol ether acetate)</td>
<td>1.0 -5.0 %</td>
<td>AI8925000</td>
</tr>
</tbody>
</table>

Additional Chemical Information
Specific percentage of composition is being withheld as a trade secret.

4. FIRST AID MEASURES

Emergency and First Aid Procedures:
Inhalation:
If user experiences breathing difficulty, move to air free of vapors, Administer oxygen or artificial medical assistance can be rendered.

Skin Contact:
Wash with soap and large quantities of water and seek medical attention if irritation from contact persists.

Eye Contact:
Flush with large quantities of water for at least 15 minutes and seek immediate medical attention.

Ingestion:
Call your local poison control center, hospital emergency room or physician immediately for instructions to induce vomiting.

Signs and Symptoms Of Exposure:
Primary Routes of Exposure:
Inhalation, ingestion and dermal.

Note to Physician:
Poison. This product contains methanol. Methanol is metabolized to formaldehyde and
formic acid. These metabolites may cause metabolic acidosis, visual disturbances and blindness. Since metabolism is required for these toxic symptoms, their onset may be delayed from 6 to 30 hours following ingestion. Ethanol competes for the same metabolic pathway and has been used as an antidote. Methanol is effectively removed by hemodialysis. Call your local poison control center for further information.

5. FIRE FIGHTING MEASURES

Flash Pt: 20.00 F  Method Used: TAG Open Cup
Explosive Limits: LEL: 1.00  UEL: No data.
Autoignition Pt: No data.
Suitable Extinguishing Media: Use carbon dioxide, dry powder, or foam.
Fire Fighting Instructions: Self-contained respiratory protection should be provided for fire fighters fighting fires in buildings or confined areas. Storage containers exposed to fire should be kept cool with water spray to prevent pressure build-up. Stay away from heads of containers that have been exposed to intense heat or flame.

6. ACCIDENTAL RELEASE MEASURES

Steps To Be Taken In Case Material Is Released Or Spilled:

Clean up:
Keep unnecessary people away; isolate hazard area and deny entry. Stay upwind, out of low areas, and ventilate closed spaces before entering. Shut off ignition sources; keep flares, smoking or flames out of hazard area.

Small spills:
Take up with sand, earth or other noncombustible absorbent material and place in a plastic container where applicable.

Large spills:
Dike far ahead of spill for later disposal.

Waste Disposal:
Dispose in accordance with applicable local, state and federal regulations.

7. HANDLING AND STORAGE

Precautions To Be Taken in Handling:
Read carefully all cautions and directions on product label before use. Since empty container retains residue, follow all label warnings even after container is empty. Dispose of empty container according to all regulations. Do not reuse this container.

Precautions To Be Taken in Storing:
Keep container tightly closed when not in use. Store in a cool, dry place. Do not store near flames or at elevated temperatures.

8. EXPOSURE CONTROLS/PERSOAL PROTECTION
9. PHYSICAL AND CHEMICAL PROPERTIES

<table>
<thead>
<tr>
<th>CAS #</th>
<th>Partial Chemical Name</th>
<th>OSHA TWA</th>
<th>ACGIH TWA</th>
<th>Other Limits</th>
</tr>
</thead>
<tbody>
<tr>
<td>108-88-3</td>
<td>Toluene {Benzene, Methyl-; Toluol}</td>
<td>PEL: 200 ppm</td>
<td>TLV: 50 ppm</td>
<td>No data.</td>
</tr>
<tr>
<td></td>
<td></td>
<td>STEL: 500 ppm/(10min)</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>CEIL: 300 ppm</td>
<td></td>
<td></td>
</tr>
<tr>
<td>67-63-0</td>
<td>Isopropyl alcohol {sec-Propyl alcohol; IPA; 2-Propanol}</td>
<td>PEL: 400 ppm</td>
<td>TLV: 200 ppm</td>
<td>No data.</td>
</tr>
<tr>
<td></td>
<td></td>
<td>STEL: 400 ppm</td>
<td></td>
<td></td>
</tr>
<tr>
<td>78-93-3</td>
<td>Methyl ethyl ketone {MEK; 2-Butanone}</td>
<td>PEL: 200 ppm</td>
<td>TLV: 200 ppm</td>
<td>No data.</td>
</tr>
<tr>
<td></td>
<td></td>
<td>STEL: 300 ppm</td>
<td></td>
<td></td>
</tr>
<tr>
<td>67-56-1</td>
<td>Methanol {Methyl alcohol; Carbinol; Wood alcohol}</td>
<td>PEL: 200 ppm</td>
<td>TLV: 200 ppm</td>
<td>No data.</td>
</tr>
<tr>
<td></td>
<td></td>
<td>STEL: 250 ppm</td>
<td></td>
<td></td>
</tr>
<tr>
<td>67-64-1</td>
<td>Acetone {2-Propanone}</td>
<td>PEL: 1000 ppm</td>
<td>TLV: 500 ppm</td>
<td>No data.</td>
</tr>
<tr>
<td></td>
<td></td>
<td>STEL: 750 ppm</td>
<td></td>
<td></td>
</tr>
<tr>
<td>108-65-6</td>
<td>Propylene glycol methyl ether acetate (PMA glycol ether acetate)</td>
<td>No data.</td>
<td>No data.</td>
<td>No data.</td>
</tr>
</tbody>
</table>

Respiratory Equipment
(Specify Type):
For OSHA controlled workplace and other regular users. Use only with adequate ventilation under engineered air control systems designed to prevent exceeding appropriate TLV. For occasional use, where engineered air control is not feasible, use properly maintained and properly fitted NIOSH approved respirator for organic solvent vapors. A dust mask does not provide protection against vapors.

Eye Protection:
Safety glasses, goggles or face shields are recommended to safeguard against potential eye contact, irritation, or injury. Contact lenses should not be worn while working with chemicals.

Protective Gloves:
Wear impermeable gloves. Gloves contaminated with product should be discarded. Promptly remove clothing that becomes soiled with product.

Other Protective Clothing:
Various application methods can dictate use of additional protective safety equipment, such as impermeable aprons, etc., to minimize exposure. A source of clean water should be available in the work area for flushing eyes and skin. Do not eat, drink, or smoke in the work area. Wash hands thoroughly after use. Before reuse, thoroughly clean any clothing or protective equipment that has been contaminated by prior use. Discard any clothing or other protective equipment that cannot be decontaminated, such as gloves or shoes.

Engineering Controls
(Ventilation etc.):
Use only with adequate ventilation to prevent build-up of vapors. Open all windows and doors. Use only with cross ventilation of moving fresh air across the work area. If strong odor is noticed or you experience slight dizziness, headache, nausea, or eye-watering - Stop - ventilation is inadequate. Leave area immediately.

Physical States: [ ] Gas [X] Liquid [ ] Solid
Appearance and Odor: No data available.
Melting Point: No data.
Boiling Point: > 133.00 F
Autoignition Pt: No data.
Flash Pt: 20.00 F Method Used: TAG Open Cup
Explosive Limits: LEL: 1.00 UEL: No data.
Specific Gravity (Water = 1): No data.
10. STABILITY AND REACTIVITY

Stability: Unstable [ ] Stable [ X ]
Conditions To Avoid - Instability: No data available.
Incompatibility - Materials To Avoid: Incompatible with strong oxidizing agents, reducing agents, acids, bases, amines, aldehydes, ammonia, halogens, nitric acid, and hydrogen peroxide.
Hazardous Decomposition or Byproducts: Decomposition may produce carbon monoxide; carbon dioxide; formaldehyde; and unidentified organic compounds in black smoke.
Possibility of Hazardous Reactions: Will occur [ ] Will not occur [ X ]
Conditions To Avoid - Hazardous Reactions: No data available.

11. TOXICOLOGICAL INFORMATION

Toxicological Information: This product has not been tested as a whole. Refer to section 2 for acute and chronic health effects.

CAS# 108-88-3:
Reproductive Effects: TCLo, Inhalation, Rat, 800.0 MG/M3, 6 H, female 14-20 day(s) after conception.
Result:
Effects on Embryo or Fetus: Fetotoxicity (except death, e.g., stunted fetus).
Effects on Newborn: Behavioral.
- Brazilian Journal of Medical and Biological Research., Vol/p/yr: 23,533, 1990

Standard Draize Test, Eyes, Species: Rabbit, 2.000 MG, Severe.
Result:
Effects on Embryo or Fetus: Other effects to embryo.
Specific Developmental Abnormalities: Eye, ear.

CAS# 78-93-3:
Standard Draize Test, Eyes, Human, 350.0 PPM.
Result:
Behavioral: Anticonvulsant.
- Journal of Industrial Hygiene and Toxicology, Vol/p/yr: 25,282, 1943

CAS# 67-64-1:
Standard Draize Test, Eyes, Species: Rabbit, 20.00 MG, Severe.
Result:
Behavioral: Change in motor activity (specific assay).
Behavioral: Alteration of classical conditioning.

<table>
<thead>
<tr>
<th>CAS #</th>
<th>Hazardous Components (Chemical Name)</th>
<th>NTP</th>
<th>IARC</th>
<th>ACGIH</th>
<th>OSHA</th>
</tr>
</thead>
<tbody>
<tr>
<td>108-88-3</td>
<td>Toluene (Benzene, Methyl-; Toluol)</td>
<td>n.a.</td>
<td>3</td>
<td>A4</td>
<td>n.a.</td>
</tr>
<tr>
<td>67-63-0</td>
<td>Isopropyl alcohol (sec-Propyl alcohol; IPA; 2-Propanol)</td>
<td>n.a.</td>
<td>3</td>
<td>A4</td>
<td>n.a.</td>
</tr>
<tr>
<td>78-93-3</td>
<td>Methyl ethyl ketone (MEK; 2-Butanone)</td>
<td>n.a.</td>
<td>n.a.</td>
<td>n.a.</td>
<td>n.a.</td>
</tr>
<tr>
<td>67-56-1</td>
<td>Methanol (Methyl alcohol; Carbinol; Wood alcohol)</td>
<td>n.a.</td>
<td>n.a.</td>
<td>n.a.</td>
<td>n.a.</td>
</tr>
<tr>
<td>67-64-1</td>
<td>Acetone (2-Propanone)</td>
<td>n.a.</td>
<td>n.a.</td>
<td>A4</td>
<td>n.a.</td>
</tr>
<tr>
<td>108-65-6</td>
<td>Propylene glycol methyl ether acetate (PMA glycol ether acetate)</td>
<td>n.a.</td>
<td>n.a.</td>
<td>n.a.</td>
<td>n.a.</td>
</tr>
</tbody>
</table>

12. ECOLOGICAL INFORMATION

General Ecological Information: This product has not been tested as a whole.

13. DISPOSAL CONSIDERATIONS

Waste Disposal Method: Dispose in accordance with local, state, and federal regulations.

14. TRANSPORT INFORMATION

LAND TRANSPORT (US DOT):
- DOT Proper Shipping Name: 
- DOT Hazard Class: 
- UN/NA Number: 

15. REGULATORY INFORMATION

EPA SARA (Superfund Amendments and Reauthorization Act of 1986) Lists

<table>
<thead>
<tr>
<th>CAS #</th>
<th>Hazardous Components (Chemical Name)</th>
<th>S. 302 (EHS)</th>
<th>S. 304 RQ</th>
<th>S. 313 (TRI)</th>
</tr>
</thead>
<tbody>
<tr>
<td>108-88-3</td>
<td>Toluene (Benzene, Methyl-; Toluol)</td>
<td>No</td>
<td>Yes 1000 LB</td>
<td>Yes</td>
</tr>
<tr>
<td>67-63-0</td>
<td>Isopropyl alcohol (sec-Propyl alcohol; IPA; 2-Propanol)</td>
<td>No</td>
<td>No</td>
<td>Yes</td>
</tr>
<tr>
<td>78-93-3</td>
<td>Methyl ethyl ketone (MEK; 2-Butanone)</td>
<td>No</td>
<td>Yes 5000 LB</td>
<td>No</td>
</tr>
<tr>
<td>67-56-1</td>
<td>Methanol (Methyl alcohol; Carbinol; Wood alcohol)</td>
<td>No</td>
<td>Yes 5000 LB</td>
<td>Yes</td>
</tr>
<tr>
<td>67-64-1</td>
<td>Acetone (2-Propanone)</td>
<td>No</td>
<td>Yes 5000 LB</td>
<td>No</td>
</tr>
<tr>
<td>108-65-6</td>
<td>Propylene glycol methyl ether acetate (PMA glycol ether acetate)</td>
<td>No</td>
<td>No</td>
<td>Yes-Cat</td>
</tr>
</tbody>
</table>

This material meets the EPA 'Hazard Categories' defined for SARA Title III Sections 311/312 as indicated:
- [X] Yes [ ] No Acute (immediate) Health Hazard
- [X] Yes [ ] No Chronic (delayed) Health Hazard
- [X] Yes [ ] No Fire Hazard
- [ ] Yes [X] No Sudden Release of Pressure Hazard
- [ ] Yes [X] No Reactive Hazard
CAS # | Hazardous Components (Chemical Name) | Other US EPA or State Lists |
---|---|---|
108-88-3 | Toluene (Benzene, Methyl-; Toluol) | CAA HAP, ODC: HAP; CWA NPDES: Yes; TSCA: Yes - Inventory, 8A CAIR; CA PROP.65: Yes |
67-63-0 | Isopropyl alcohol (sec-Propyl alcohol; IPA; 2-Propanol) | CAA HAP, ODC: No; CWA NPDES: No; TSCA: Yes - Inventory, 4 Test; CA PROP.65: No |
78-93-3 | Methyl ethyl ketone (MEK; 2-Butanone) | CAA HAP, ODC: No; CWA NPDES: No; TSCA: Yes - Inventory; CA PROP.65: No |
67-56-1 | Methanol (Methyl alcohol; Carbinol; Wood alcohol) | CAA HAP, ODC: HAP; CWA NPDES: No; TSCA: Yes - Inventory; CA PROP.65: No |
67-64-1 | Acetone (2-Propanone) | CAA HAP, ODC: No; CWA NPDES: No; TSCA: Yes - Inventory, 4 Test; CA PROP.65: No |
108-65-6 | Propylene glycol methyl ether acetate (PMA glycol ether acetate) | CAA HAP, ODC: HAP; CWA NPDES: No; TSCA: Yes - Inventory, 8A PAIR, 8D TERM; CA PROP.65: No |

Regulatory Information Statement: All components of this material are listed on the TSCA Inventory or are exempt.

16. OTHER INFORMATION

Revision Date: 05/08/2015
Additional Information About This Product: No data available.

Company Policy or Disclaimer:
The information contained herein is presented in good faith and believed to be accurate as of the effective date shown above. This information is furnished without warranty of any kind. Employers should use this information only as a supplement to other information gathered by them and must make independent determination of suitability and completeness of information from all sources to assure proper use of these materials and the safety and health of employees. Any use of this data and information must be determined by the user to be in accordance with applicable federal, state and local laws and regulations.