

Product Code: L59-1

Product Name: GLOSS PRECATLYZED LACQUER (1 GAL)

GEMINI INDUSTRIES, INC., 2300 HOLLOWAY DRIVE, EL RENO, OK 73036

24-hour Emergency Phone: 800-510-8510

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

(SEE TOP OF PAGE)

2. COMPOSITION/INFORMATION ON INGREDIENTS

COMPONENT/EXPOSURE LIMITS	CAS#
TOLUENE OSHA PEL: 100ppm OSHA STEL 150ppm ACGIH TLV 50ppm	108-88-3
BUTANOL (BUTYL ALCOHOL)	71-36-3
METHYL ISOBUTYL KETONE	108-10-1
NITROCELLULOSE NOT LISTED	9004-70-0
ISOBUTYL ACETATE OSHA VPEL 150ppm-TWA ACGIH TLV 150ppm-TWA	110-19-0
ISOPROPANOL 400ppm TWA8 ACGIH, 983 mg/m3 TWA8 ACGIH 980mg/m3 TWA8 OSHA, 500ppM STEL OSHA	67-63-0
n-BUTYL ACETATE BUTYL ACETATE ACGIH 150ppm TWA, 200ppm STEL BUTYL ACETATE OSHA 150ppM TWA, 200ppM STEL	000123-86-4

3. HAZARDS IDENTIFICATION

FLAMMABLE IN A LIQUID STATE

VAPOR CAUSES EYE BURNS AND SKIN IRRITATION

CONTAINS TRACE AMOUNTS OF FREE FORMALDEHYDE

INHALATION OF FORMALDEHYDE VAPORS HAS CAUSED CANCER IN TESTS USING LABORATORY ANIMALS.

POTENTIAL HEALTH EFFECTS

SKIN: Widespread contact with skin for several hours can cause harmful amounts of material to be absorbed

INGESTION: Excessive inhalation of vapors can cause nasal and respiratory irritation, dizziness, weakness, fatigue, nausea, headache, possible unconsciousness and even asphyxiation.

INHALATION: High vapor concentrations or prolonged breathing of lower concentrations may result in damage to the liver, kidneys, lungs and blood forming organs.

4. FIRST AID MEASURES

EYES: Flush with luke warm water for a minimum of 15 minutes. Seek medical attention immediately.

SKIN: Remove contaminated clothing, wash area immediately with soap and water. See physician if irritatic persists.

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INGESTION: Remove exposed individual to fresh air and assist breathing if necessary. Seek immediate medical attention.

INHALATION: Rinse mouth immediately. Drink 1 or 2 glasses of water to dilute. Do NOT induce vomiting. Contact physician or poison control center immediately.

5. FIRE FIGHTING MEASURES

FLAMMABLE CLASSIFICATION: CLASS 1B

LOWEST FLASH POINT: 40F METHOD:

DOT: FLAMMABLE LIQUID

FLAMMABLE LIMITS:

LOWER FLAMMABLE LIMIT: 1.2

UPPER FLAMMABLE LIMIT: 7.6

EXTINGUISHING MEDIA: Alcohol Foam, CO2, Dry Chemical

The National Fire Protection Association Class B extinguisher is designed to extinguish NFPA Class 1B flammable liquid fires.

UNUSUAL FIRE AND EXPLOSION HAZARDS

Keep containers tightly closed. Isolate from heat, electrical equipment, sparks and open flame. Closed containers may explode when exposed to extreme heat. Do not apply to hot surfaces. Never use welding cutting torch on or near container (even empty) because product (even residue) may ignite explosively. Liquid and vapor states of this substance are dangerous fire hazards and moderate explosion hazards when exposed to heat or flame.

FIREFIGHTING INSTRUCTIONS: Clear fire area of unprotected personnel. Do not enter confined space without helmet, face shield, bunker coat, gloves, rubber boots and a positive pressure NIOSH-approved self-contained breathing apparatus. A water stream can scatter flames. A spray of water may be used to cool containers to prevent pressure buildup and possible autoignition or explosion when exposed to extreme heat. If water is used, fog nozzles are preferable.

6. ACCIDENTAL RELEASE MEASURES

Stay upwind and away from spill or leak unless wearing appropriate protective equipment. Stop and/or contain spill if it may be done safely. Keep all sources of ignition away. Ventilate area of spill. Use non-sparking tools to clean up. Cover with inert material to reduce fumes. Keep out of drains, sewer or waterways.

If large spill occurs, alert spill response teams. Contact fire authorities. Notify local health and environmental control agencies.

7. HANDLING AND STORAGE

HANDLING: Bond and ground metal containers when transferring liquid. Avoid free fall of liquid in excess of a few inches. Personnel should avoid inhalation of vapors. Personal contact with the product should be avoided. Should contact be made, remove saturated clothing and flush affected skin areas with water. Contents of this material may be hazardous when emptied. Since emptied containers retain product residues (vapor and/or solid), all hazard precautions given in this sheet must be observed.

STORAGE: Keep product containers cool, dry and away from sources of ignition. Use and store this product in areas with adequate ventilation. DO NOT SMOKE in or near storage areas

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

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RESPIRATORY PROTECTION: Use local exhaust as required to control vapor concentrations. Avoid prolonged or repeated breathing of vapors. If exposure exceeds TLV, use NIOSH-approved respirator to prevent overexposure.

SKIN PROTECTION: Required for prolonged or repeated contact. Wear resistant gloves such as natural rubber neoprene, buna N or nitrile. An apron should be worn to avoid skin contact.

EYE PROTECTION: Wear splashproof goggles and face shield if there is a likelihood of contact with eyes.

HYGENIC PRACTICES: Wash hands thoroughly before eating or using restroom. Remove contaminated clothing immediately and do not wear again until it has been properly laundered.

9. PHYSICAL AND CHEMICAL PROPERTIES

BOILING POINT: 231F

MELTING POINT: N/A

VAPOR PRESSURE: N/A

VAPOR DENSITY: Heavier Than Air

SOLUBILITY IN WATER: N/A

SPECIFIC GRAVITY: .94

COATING VOC LB/GL: 5.59 lb/gl

COATING VOC GM/LTR: 670 g/l

MATERIAL VOC LB/GL: 5.59 lb/gl

MATERIAL VOC GM/LTR: 670 g/l

% VOLATILE BY VOLUME: 79.11%

EVAPORATION RATE: Faster than Butyl Acetate.

HAPS/GALLON: 3.6121

LBS HAPS/LBS SOLID: 1.6445

WEIGHT PER GALLON: 7.79 lb/gl

PH: N/A

ODOR: N/A

APPEARANCE: N/A

10. STABILITY AND REACTIVITY

CHEMICAL STABILITY: Stable Conditions to Avoid: high heat, sparks, flames.

INCOMPATIBILITY: Materials to Avoid: Strong oxidizing agents, strong alkalines, strong mineral acids.

HAZARDOUS DECOMPOSITION PRODUCTS: Oxidation may produce carbon and nitrogen oxides.

HAZARDOUS POLYMERIZATION: Will not occur.

11. TOXICOLOGICAL INFORMATION

CANCER INFORMATION: This product contains one or more reported carcinogens or suspected carcinogens which are noted NTP, IARC or OSHA-Z in the other limits recommended column.

TERATOLOGY (BIRTH DEFECT) INFORMATION: This product contains no reported or suspected teratogens.

REPRODUCTION INFORMATION: Toluene is known to the state of California to cause birth defect or other reproductive harm. Gaseous formaldehyde is classified as a Class B1 Probable Human Carcinogen by the IA

12. ECOLOGICAL INFORMATION

ECOLOGICAL INFORMATION: Uncontrolled release of the product may result in contamination of air, ground, waterways and/or sewers.

13. DISPOSAL CONSIDERATIONS

Dispose in accordance with local, state and federal regulations.

14. TRANSPORT INFORMATION

DOT NUMBER: UN1263

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15. REGULATORY INFORMATION

HMIS HAZARD INDEX: 4=SEVERE, 3=SERIOUS, 2=MODERATE, 1=SLIGHT, 0=LEAST

HEALTH: 2

FLAMMABILITY: 3

REACTIVITY: 0

PERSONAL PROTECTION: I

SECTION 313: This product contains the following toxic chemicals subject to the reporting requirements of section 313 of the Emergency Planning and Community Right-To-Know Act of 1986 and of 40 CFR 372:

		% BY WT
* TOLUENE	108-88-3	27
* BUTANOL (BUTYL ALCOHOL)	71-36-3	15
* METHYL ISOBUTYL KETONE	108-10-1	11

16. OTHER INFORMATION:

THE INFORMATION CONTAINED HEREIN IS INFORMATION RECEIVED FROM OUR RAW MATERIAL SUPPLIERS AND OTHER SOURCE BELIEVED TO BE RELIABLE. THIS DATA IS NOT TO BE TAKEN AS A WARRANTY OR REPRESENTATION FROM WHICH GEMINI INDUSTRIES, INC. ASSUMES LEGAL RESPONSIBILITY.