

Product Code: LA56
 Product Name: DEAD FLAT PRECATALYZED AEROSOL LACQUER

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#
CELLULOSE NITRATE 31	MIXTURE
AQUEOUS ISOPROPANOL; OSHA PEL 400 ppm	
ACETONE	67-64-1
OSHA VPEL 750 ppm TWA	
OSHA VPEL 1000 ppm STEL	
ACGIH TLV 500ppm TWA	
ACGIH TLV 750 ppm STEL	
PROPANE	74-98-6
N. BUTANE	106-97-8
METHYL ETHYL KETONE	78-93-3
METHYL ETHYL KETONE: OSHA PEL 200ppm, 590mg/m3,ACGIH TLV 300ppm, 885mg/m3	
ISOBUTYL ACETATE	110-19-0
OSHA: PEL 150ppm-TWA	
ACGIH TLV 150ppm-TWA	
POLYSILOXANE	PROPRIETARY
n-BUTANOL	71-36-3
OSHA PEL: 100ppm TWA	
ACGIH TLV 50ppm	
METHYL ISOBUTYL KETONE	108-10-1
OSHA: 50 PPM PEL-TWA	
OSHA: 240 MILLIGRAMS PER CUBIC METER-TWA [SKIN]	
OSHA: 700 PPM IDLH	
NIOSH: 5 PPM REL-TWA	
NIOSH: 24 MILLIGRAMS PER CUBIC METER-TWA [SKIN]	
ETHANOL	64-17-5
OSHA: 1000 PPM PEL-TWA	
NIOSH: 1000 PPM PEL-TWA	
NITROCELLULOSE	9004-70-0
METHYL N-AMYL KETONE	110-43-0
ACGIH TLV: METHY N-AMYL KETONE: 50ppm TWA	
OSHA PEL: METHYL N-AMYL KETONE: 100ppm TWA	
TOLUENE	108-88-3
XYLENE	1330-20-7

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OSHA: 100 PPM PEL-TWA
NIOSH: 100 PPM PEL-TWA

ISOPROPANOL	67-63-0
400ppm TWA8 ACGIH, 983 mg/m3 TWA8 ACGIH	
980mg/m3 TWA8 OSHA, 500ppm STEL OSHA	
ETHYLBENZENE	100-41-4
FORMALDEHYDE	50-00-0

3. HAZARDS IDENTIFICATION

FLAMMABLE LIQUID UNDER PRESSURE
VAPOR CAUSES EYE BURNS AND SKIN IRRITATION

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 irritation persists.

INGESTION:

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

INHALATION:

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

5. FIRE FIGHTING MEASURES

FLAMMABLE CLASSIFICATION: CLASS 1B
LOWEST FLASH POINT: 30F
METHOD: TCC

FLAMMABLE LIMITS:

LOWER FLAMMABLE LIMIT: 0

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UPPER FLAMMABLE LIMIT: 12.8
EXTINGUISHING MEDIA: Alcohol Foam, CO2, Dry Chemical

UNUSUAL FIRE AND EXPLOSION HAZARDS

Burning may produce oxides of nitrogen and carbon. Do not puncture or incinerate container. Exposure to heat or prolonged exposure to sun may cause container to burst. Do not expose to heat or store at temperatures above 120 degrees F. Vapors are heavier than air and may travel along the ground or may be moved by ventilation and ignited by pilot lights, sparks, heaters, smoking, electrical motors or static discharge distant from handling point.

FIREFIGHTING INSTRUCTIONS:

6. ACCIDENTAL RELEASE MEASURES

Stay upwind and away from spill or leak unless wearing appropriate protective equipment. Stop and/or contain discharge if it may be done safely. Keep all sources of ignition away. Ventilate area of spill. Use non-sparking tools for 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 pollution control agencies.

7. HANDLING AND STORAGE

HANDLING:

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. Containers of this material may be hazardous when emptied. Since emptied containers retain product residues (vapor, liquid 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 with adequate ventilation. DO NOT SMOKE in or near storage areas

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

RESPIRATORY PROTECTION:

PRIMARY ROUTES OF ENTRY: inhalation, skin contact, eyes, ingestion.

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, butyl 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: 133F
MELTING POINT: N/A

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VAPOR PRESSURE: N/A
VAPOR DENSITY: Heavier Than Air
SOLUBILITY IN WATER: N/A
SPECIFIC GRAVITY: .733
COATING VOC LB/GL: 2.5112 lb/gl
COATING VOC GM/LTR: 301 g/l
MATERIAL VOC LB/GL: 1.6641 lb/gl
MATERIAL VOC GM/LTR: 199 g/l
% VOLATILE BY VOLUME: 70.713%
EVAPORATION RATE: Faster than Butyl Acetate.
WEIGHT PER GALLON: 6.107 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 no reported carcinogens or suspected carcinogens. This product contains no reportable hazardous ingredients. This Material Safety Data Sheet contains information on good industrial practice for safe handling of all industrial chemicals.

TERATOLOGY (BIRTH DEFECT) INFORMATION:

This product contains no reported or suspected teratogens.

REPRODUCTION INFORMATION:

Gaseous formaldehyde is classified as a Class B1 Probable Human Carcinogen by the IARC.

12. ECOLOGICAL INFORMATION

ECOLOGICAL INFORMATION:

13. DISPOSAL CONSIDERATIONS

Dispose in accordance with local, state and federal regulations.

14. TRANSPORT INFORMATION

AEROSOLS, FLAMMABLE, 2.1, UN1950

15. REGULATORY INFORMATION

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

FLAMMABILITY: 4

REACTIVITY: 0

PERSONAL PROTECTION: J

SECTION 313:

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* n-BUTANOL	71-36-3	3
* METHYL ISOBUTYL KETONE	108-10-1	3
* TOLUENE	108-88-3	2
* XYLENE	1330-20-7	2
* ETHYLBENZENE	100-41-4	

16. DISCLAIMER:

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