

FP1001

Product Code: R-27
Product Name: LACQUER RETARDER

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#
NETASOLVX EB	111-76-2
ACGIH 25ppm TWA	
OSHA 25ppm TWA	
AROMATIC SC100	64742-95-6
TRIMETHYL BENZENE: OSHA PEL 25ppm, ACGIH 25ppm	
XYLENES: OSHA PEL 100ppm, OSHA STEL 150ppm, ACGIH 100ppm, STEL 150ppm	
CHLOROX: OSHA PEL 50ppm, ACGIH TLV 50ppm	

3. HAZARDS IDENTIFICATION

FLAMMABLE IN A LIQUID STATE

HIGH VAPOR CONCENTRATIONS MAY CAUSE MILD EYE AND SKIN IRRITATION.

POTENTIAL HEALTH EFFECTS

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

INHALATION: 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 lukewarm water for a minimum of 15 minutes. Seek medical attention immediately.

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

INHALATION: 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: 108F METHOD: TCC

FLAMMABLE LIMITS:

LOWER FLAMMABLE LIMIT: 1.1

UPPER FLAMMABLE LIMIT: 12.7

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

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Keep containers tightly closed. Isolate from heat, electrical equipment, sparks and open flame. Closed containers may explode to extreme heat. Do not apply to hot surfaces. Never use welding or 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 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 MIOSE-approved self-contained breathing apparatus. A water stream can scatter flames. A spray of water may be used to cool closed 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 pollution 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. 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: Use local exhaust as required to control vapor concentrations. Avoid prolonged or repeated breathing of vapors. If exposure exceeds TLV, use MIOSE-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.

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

9. PHYSICAL AND CHEMICAL PROPERTIES

BOILING POINT: 118-118F

MELTING POINT: N/A

VAPOR PRESSURE: N/A

VAPOR DENSITY: Heavier Than Air

SOLUBILITY IN WATER: N/A

SPECIFIC GRAVITY: .9

COATING VOC LB/GL: 7.47 lb/gl

COATING VOC CM/LTR: 895 g/l

MATERIAL VOC LB/GL: 7.47 lb/gl

MATERIAL VOC CM/WTR: 895 g/l

% VOLATILE BY VOLUME: 100%

EVAPORATION RATE: Faster than Ethyl Acetate.