

Product Code: 2831-1
 Product Name: SPANISH OAK LACQUER STAIN

GEMINI INDUSTRIES, INC., 2300 HOLLOWAY DRIVE, EL RENO, OK 73036
 24-Hour Emergency (Spill, Leak, Exposure or Accident): INFOTRAC 800-535-5053 Outside USA, Call Collect 1-352-323-3500
 24-Hour Emergency HAZMAT Response and MSDS help: EMI 800-510-8510

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

(SEE TOP OF PAGE)

2. COMPOSITION/INFORMATION ON INGREDIENTS

<u>COMPONENT/EXPOSURE LIMITS</u>	<u>CAS#</u>
RED BL CONCENTRATE	MIXTURE
ACGIH-TLV MINERAL SPIRITS 100 ppm, XYLENE 100ppm, 1,2,4-TRIMETHYLBENZENE 25ppm, 1,3,5-TRIMETHYL BENZENE 25ppm ACGIH-STEL XYLENE 150ppm OSHA-PEL MINERAL SPIRITS 100ppm, XYLENE 100ppm, 1,3,5-TRIMETHYLBENZENE	
AROMATIC SC100	64742-95-6
TRIMETHYL BENZENE: OSHA PEL 25ppm, ACGIH 25ppm XYLENES: OSHA PEL 100ppm , OSHA STEL 150ppm, ACGIH 100ppm, STEL 150ppm CUMENE: OSHA PEL 50ppm, ACGIH TLV 50ppm	
ETHYLENE GLYCOL MONOBUTYL ETHER	111-76-2
ACGIH 25ppm TWA OSHA 25ppm TWA	
1,2,4-TRIMETHYLBENZENE	95-63-6
RAW UMBER / PIGMENT	12713-03-0
ACETONE	67-64-1
OSHA VPEL 750 ppm TWA OSHA VPEL 1000 ppm STEL ACGIH TLV 500ppm TWA ACGIH TLV 750 ppm STEL	
CELLULOSE NITRATE 31	9004-70-0
AQUEOUS ISOPROPANOL; OSHA PEL 400 ppm	
RESIN	
MINERAL SPIRITS	8052-41-3
BURNT UMBER PIGMENT	1309-37-2
n-BUTANOL	71-36-3
OSHA PEL: 100ppm TWA ACGIH TLV 50ppm	

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XYLENE	1330-20-7
OSHA: 100 PPM PEL-TWA	
NIOSH: 100 PPM PEL-TWA	
ISOBUTYL ACETATE	110-19-0
CUMENE	98-82-8
ISOPROPANOL	67-63-0
400ppm TWA8 ACGIH, 983 mg/m3 TWA8 ACGIH	
980mg/m3 TWA8 OSHA, 500ppm STEL OSHA	
ETHYLBENZENE	100-41-4
METHANOL	67-56-1
OSHA: 200 PPM PEL-TWA	
NIOSH: 200 PPM PEL-TWA	
OSHA: 6000 PPM IDLH	

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.

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

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attention.

5. FIRE FIGHTING MEASURES

FLAMMABLE CLASSIFICATION: CLASS 1B FLAMMABLE

LOWEST FLASH POINT: 0F

METHOD: TCC

DOT: FLAMMABLE LIQUID

FLAMMABLE LIMITS:

LOWER FLAMMABLE LIMIT: 0

UPPER FLAMMABLE LIMIT: 36

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 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 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 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 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:

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.

Wet down all used wiping rags with water in a covered metal container to prevent spontaneous combustion.

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

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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:

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 until it has been properly laundered.

9. PHYSICAL AND CHEMICAL PROPERTIES

BOILING POINT: 133F

MELTING POINT: N/A

VAPOR PRESSURE: N/A

VAPOR DENSITY: Heavier Than Air

SOLUBILITY IN WATER: N/A

SPECIFIC GRAVITY: .934

COATING VOC LB/GL: 6.9024 lb/gl

COATING VOC GM/LTR: 827 g/l

MATERIAL VOC LB/GL: 6.6158 lb/gl

MATERIAL VOC GM/LTR: 793 g/l

% VOLATILE BY VOLUME: 94.516%

EVAPORATION RATE: Faster than Butyl Acetate.

WEIGHT PER GALLON: 7.774 lb/gl

PH: N/A

ODOR: N/A

APPEARANCE: Colored Liquid

10. STABILITY AND REACTIVITY

CHEMICAL STABILITY:

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

INCOMPATIBILITY

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:

This product contains a chemical known to the State of California to cause cancer.

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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

15. REGULATORY INFORMATION

HMS 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(Chemicals listed below constitute the specific percentage of product by weight. Chemicals that do not have a listed percentage comprise less than 1% of total product weight):

	% BY WT
* ETHYLENE GLYCOL MONOBUTYL ETHER111-76-2	37
* 1,2,4-TRIMETHYLBENZENE 95-63-6	13
* n-BUTANOL 71-36-3	2
* XYLENE 1330-20-7	1
* CUMENE 98-82-8	1
* ETHYLBENZENE 100-41-4	
* METHANOL 67-56-1	

16. DISCLAIMER:

The following supercedes any provision contained in the forms, letters and papers of your company. This product is designed and intended for professional application only. All products should be thoroughly tested under application conditions prior to use. The information contained herein is believed to be reliable. HOWEVER, GEMINI MAKES NO WARRANTY CONCERNING THIS PRODUCT, WHETHER EXPRESS OR IMPLIED. INCLUDING THE WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE.

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