

IMPORTANT: Read this MSDS before handling & disposing of this product. Pass this information on to employees, customers and users of this product.

MATERIAL SAFETY DATA SHEET

GARCO CLEAR LACQUER SEALER

11-1-2011

===== SECTION 1

PRODUCT AND MANUFACTURER IDENTIFICATION

Tradename: LSC Clear Lacquer Sealer

Product Code: LSCVOC

Emergency Phone: (800) 424-9300 (CHEMTREC)

Information Phone (732) 821-3200

Manufacturer: Garco Clear Finishes 1999 Elizabeth Street North Brunswick NJ 08902

===== SECTION 2

HAZARDOUS INGREDIENTS.

Ingredient(s)	CAS No.	%	Exposure Limits	
			TLV	PEL
2-propanone	67-64-1	45-55	750 ppm	1000 ppm
Toulene	108-88-3	1-10	100 ppm	100 ppm
Ortho Meta & Para Xylene	1330-20-7	1-10	100 ppm	100 ppm
Isopropyl Alcohol	67-63-0	1-10	400 ppm	500 ppm
Ethyl Benzene	100-41-4	1-5	100 ppm	125 ppm
Methyl Ethyl Ketone	78-93-3	1-5	200 ppm	300 ppm
Butoxyethanol	111-76-2	1-10	25 ppm	
Methyl Isobutyl Ketone	108-10-1	1-10	50 ppm	50 ppm
Nitrocellulose	09004-70-0	1-10	No PEL established	
Maleic modified glycerol ester	68038-41-5	1-10	No PEL established	

Notes:

- "TLV" means the Threshold Limit Value exposure (8-hour time weighted average unless otherwise noted) established by ACGIH.
- "PEL" refers to the Permissible Exposure Limits for airborne contaminants as specified in 29 CFR 1900-1000.
- "NE" indicates that neither a TLV nor OSHA Permissible Exposure Limit have been established.

===== SECTION 3

PHYSICAL PROPERTIES

Product Weight: 7.1+/-0.1 lbs./gal.

Specific Gravity: .84 - .86

Boiling Range (F): 133 F - 340 F

Vapor Density: (air=1):ND

Melting Point (F): N/A

VOC: 550 Grams/Liter

Evaporation Rate: (N butyl acetate =1) : 14.4 (Acetone Evap. Rate)

Solubility in Water: N/A

Physical State: CLOUDY LIQUID

Odor: STRONG SOLVENT

===== SECTION 4

FIRE, EXPLOSION HAZARD, & DOT INFO

Flammability DOT Classification: UN 1263, CLASS 3 FLAMMABLE LIQUID, PG I

Flash Point: -4 F

Upper Flammable/Explosive

Limit, % in air: 10.7 @ 77° F

Lower Flammable/Explosive

Limit, % in air: 1.4 @ 77° F

Fire Hazards: Empty containers that retain product residue (liquid, solid/sludge, or vapor) can be

dangerous. Do not pressurize, cut, weld, braze, solder, drill, grind, or expose container to heat, flame, sparks, static electricity, or other sources of ignition. Any of

these actions can potentially cause an explosion that may lead to injury or death.

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Flammable Liquid. Can release vapors that form explosive mixtures at temperatures at or above the flash point. If product is heated above its flash point it will release flammable vapors which can burn in the open or be explosive in confined spaces if exposed to ignition source. Container may explode in heat of fire. Vapors may be ignited by heat, sparks, flames or other sources of ignition at or above the low flash point giving rise to a Class B fire. Vapors are heavier than air and may travel to a source of ignition and flash back.

Extinguishing Media: Carbon Dioxide, Dry Chemical, Foam

Special Firefighting Procedures: Full protective equipment including self-contained breathing apparatus should be used. Water may be ineffective. If water is used, fog nozzles are preferable. Water may be used to cool closed containers to prevent pressure build-up and possible autoignition or explosion when exposed to extreme heat.

<u>Health</u>	2
<u>Fire</u>	3
<u>Reactivity</u>	0
<u>Personal Protection</u>	G

PRECAUTIONS.

Precautions to be Taken in Handling and Storing.

Keep away from heat, sparks, and open flame.

During use and until all vapors are gone: keep area ventilated by opening ALL windows and doors in and around the applied area. -- DO NOT SMOKE -- extinguish all flames, pilot lights and heaters -- turn off stoves, electric tools and appliances, and any other source of ignition. Consult NFPA code. Use approved bonding and grounding procedures.

Keep container closed when not in use. Transfer only to approved containers with complete and appropriate labeling. Do not take internally. Keep out of the reach of children.

The above information pertains to this product as currently formulated, and is based on the information available at this time. Addition of reducers or other additives to this product may substantially alter the composition and hazards of the product. Since conditions of use are outside our control, we make no warranties, expressed or implied, and assume no liability in connection with any use of this information.

******* WARNING FOR ALL LACQUER SEALER PRODUCTS*******
THIS PRODUCT IS ONLY TO BE SOLD TO & USED BY PROFESSIONALS ONLY.
THIS PRODUCT IS NOT FOR SALE OR USE IN NEW YORK CITY INTERIOR SPACES. PLEASE READ ALL CAUTIONS & DIRECTIONS ON THE CAN & THE

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PRODUCT MSDS BEFORE USING TO UNDERSTAND THE RISKS OF THIS PRODUCT *****

****LA ADVERTENCIA PARA TODO LACQUER SEALER PRODUCTOS****
ESTE PRODUCTO ES DE SOLAMENTE SER VENDIDO Y PARA SER UTILIZADO POR PROFESIONALES SOLAMENTE. ESTE PRODUCTO NO SE PUEDE VENDER O USAR EN LA CIUDAD DE NUEVA YORK ESPACIOS INTERIORES. LEA POR FAVOR TODOS LOS CUIDADOS Y LAS DIRECCIONES EN LA LATA Y EL PRODUCTO MSDS ANTES DE UTILIZAR PARA COMPRENDER LOS RIESGOS DE ESTE PRODUCTO.*****

APAGE TODO TIPO DE LLAMA ABIERTA ANTES DE EMPEZAR SU TRABAJO.

1. APAGE TODO LOS PILOTOS DE GAS (EN ESTUFAS, CALENTADORES DE AGUA, CALENTADORES DE CALEFACCION, SECADORES DE ROPA, Y CUALQUIER OTRA UNIDAD DE GAS.
2. APAGE TODO TIPO DE UNIDAD QUE CORRE CONTINUAMENTE (REFRIGERADORES, ACONDICIONADORES DE AIRE, UNIDADES DE CALEFACCION, CALENTADORES DE AGUA) Y CUALQUIER OTRO QUE TENGA DISPONIBLE.
3. NO PRENDA O FUME CIGARILLOS CUANDO ESTE HACIENDO EL TRABAJO.
4. NO PRENDA O APAGE LAS LUCES DURANTE EL PROCESO DE APLICAR EL PRODUCTO EN EL PISO. SI ES POSIBLE, APAGE TODO TIPO DE CORRIENTE EN EL AREA DE TRABAJO.

DURANTE EL PROCESO DE APLICAR EL PRODUCTO, VENTILE ADEQUADAMENTE EL AREA DE TRABAJO.

1. ABRA LAS VENTANAS, MANTENGALAS ABIERTAS DURANTE LA APLICACION DEL PRODUCTO HASTA QUE ESTE COMPLETAMENTE SECO.
2. SI VA A USAR AVANICOS ELECTRICOS PARA VENTILACION DEL AREA, TIENEN QUE SER CLASIFICADOS COLO **APRUEBA DE EXPLOCION** Y SER ENCHUFLADO **AFUERA** DEL AREA DEL TRABAJO.

AVISO: USO DE ESTE PRODUCTO ADENTRO ES PROHIBIDO EN LA CIUDAD DE NUEVA YORK.

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HEALTH HAZARD DATA.

Routes of exposure: Exposure may be inhalation and/or skin or eye contact, depending on conditions of use. Follow recommendations for proper use, ventilation, and personal protective equipment to minimize exposure.

Acute Health Hazards:

Effects of Overexposure: Irritation of eyes, skin, and respiratory system. May cause nervous system depression. Extreme overexposure may result in unconsciousness and possibly death.

Signs and Symptoms of Overexposure: Headache, dizziness, nausea, and loss of coordination are indications of excessive exposure to vapors and spray mists. Redness and itching or burning sensation may indicate eye or excessive skin exposure.

Emergency and First Aid Procedures:

Eyes: Flush eyes with large amounts of water for 15 minutes while holding eyelids open. Get medical attention.

Skin: Immediately remove contaminated clothing, and wash with plenty of soap and water. Get medical attention if symptoms persist.

Inhalation: Remove patient to fresh air. Administer oxygen if breathing is difficult. Keep warm and quiet. Get medical attention.

Ingestion: Do not induce vomiting. Give patient milk or water to dilute. Immediately consult physician.

Medical Conditions Aggravated by Exposure: None generally recognized.

Chronic Health Hazards: Prolonged overexposure to solvent ingredients in section II may cause adverse effects to the liver, urinary, blood forming, cardiovascular, and reproductive systems. Reports have associated repeated and prolonged overexposure to solvents with permanent brain and nervous system damage.

===== SECTION 6

REACTIVITY DATA.

Stability: Stable.

Conditions to avoid: Keep containers closed at all times.

Incompatibility: Contamination with water, acids, or alkalis can cause evolution of hydrogen, which may result in dangerously increased pressures in closed containers.

Hazards Decomposition Products: Carbon monoxide and/or carbon dioxide.

Hazardous Polymerization: Will not occur.

===== SECTION 7

SPILL OR LEAK PROCEDURES.

Steps to be taken in case material is released or spilled. Remove all sources of ignition. Ventilate and remove with inert absorbent.

Waste Disposal Method

Waste from this product may be hazardous as defined under the Resource Conservation and Recovery Act (RCRA), 42 U.S.C. section 6901 et seq., and regulations thereunder, 40 C.F.R. Part 261. Dispose of in accordance with applicable federal, state and local regulations.

=====SECTION 8

PROTECTION INFORMATION.

Use only with adequate ventilation. Avoid breathing vapor and spray mist. Avoid contact with skin and eyes. Wash hands after using.

Ventilation.

Local exhaust preferable. General exhaust acceptable if the exposure to materials in section II is maintained below applicable exposure limits. Refer to OSHA standards 1910.94, 1910.107, and 1910.108.

Respiratory Protection.

If personal exposure cannot be controlled ventilation, wear properly fitted organic vapor/particulate respirator approved by NIOSH/MSHA for protection from materials in section II.

Protective Gloves.

Wear gloves which are recommended by glove supplier for protection against materials in Section II.

Eye Protection.

Wear safety spectacles with unperforated sideshields.
