

LENMAR INC. -- LACQUER, ACRYLIC LOW REFLECTIVE OLIVE DRAB -- 8010-01-033-8917

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Product Identification
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Product ID:LACQUER, ACRYLIC LOW REFLECTIVE OLIVE DRAB

MSDS Date:02/01/1990

FSC:8010

NIIN:01-033-8917

MSDS Number: BMQLG

==== Responsible Party ====

Company Name:LENMAR INC.

Address:150 S. CALVERTON ROAD

City:BALTIMORE

State:MD

ZIP:21223

Country:US

Info Phone Num:301-947-2300

Emergency Ph

one Num:301-358-5524

CAGE:KO656

==== Contractor Identification ====

Company Name:LENMAR INC.

Address:150 SOUTH CALVERTON ROAD

City:BALTIMORE

State:MD

ZIP:21223

Phone:(301) 947-2300

CAGE:KO656

Company Name:LENMAR, INC.

Address:150 SOUTH CALVERTON ROAD

Box:City:BALTIMORE

State:MD

ZIP:21223

Country:US

Phone:410-947-2300/410-358-5524

CAGE:0BDY9

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Composition/Information on Ingredients
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Ingred Name:ETHANOL (VAPOR PRESSURE 43.9 MM HG @ 20 C)

CAS:64-17-5

RTECS #:KQ6300000

Fr

action by Wt: 7-17%
Other REC Limits:NONE SPECIFIED
OSHA PEL:1000 PPM
ACGIH TLV:1000 PPM

Ingred Name:N-BUTYL ACETATE (SARA 313) (BUTYL ESTER, ACETIC ACID)
(VAPOR PRESSURE 8 MM HG @ 20 C)

CAS:123-86-4
RTECS #:AF7350000
Fraction by Wt: 5-15%
Other REC Limits:NONE SPECIFIED
OSHA PEL:150 PPM
ACGIH TLV:150 PPM
EPA Rpt Qty:5000 LBS
DOT Rpt Qty:5000 LBS

Ingred Name:TOLUENE (SARA III)
CAS:108-88-3
RTECS #:XS5250000
Fraction by Wt: 4-14%
Other REC Limits:NONE SPECIFIED
OSHA PEL:200 PPM/150 STEL
A
CGIH TLV:50 PPM; 9293
EPA Rpt Qty:1000 LBS
DOT Rpt Qty:1000 LBS

Ingred Name:METHYL ETHYL KETONE (2-BUTANONE) (SARA III) (VAPOR PRESSURE
70 MM HG @ 20 C)
CAS:78-93-3
RTECS #:EL6475000
Fraction by Wt: 4-14%
Other REC Limits:NONE SPECIFIED
OSHA PEL:200 PPM
ACGIH TLV:200 PPM
EPA Rpt Qty:5000 LBS
DOT Rpt Qty:5000 LBS

Ingred Name:PROPYLENE GLYCOL METHYL ETHYL ACETATE
(1-METHOXY-2-ACETOXYPROPANE) (VAPOR PRESSURE 3.7 MM HG @ 20 C)
CAS:108-65-6
RTECS #:AI8925000
Fraction by Wt: 3-13%
Other REC

Limits:NONE SPECIFIED
OSHA PEL:NONE ESTABLISHED
ACGIH TLV:NONE ESTABLISHED

Ingred Name:VM & P NAPHTHA (SOLVENT NAPHTHA PETROLEUM , LIGHT ALIPH).
(VAPOR PRESSURE 15 MM HG @ 20 C)
CAS:64742-89-8
Fraction by Wt: 1-9%
Other REC Limits:NONE SPECIFIED
ACGIH TLV:300 PPM

Ingred Name:VOC: 4.88 LB/GL/584.7 G/L.
RTECS #:9999999VO
Other REC Limits:NONE SPECIFIED

===== Hazards Identification =====

Health Hazards Acute and Chronic:HIGH LEVELS HAVE PRODUCED CARDIAC

EFFECTS IN HUMANS. INHAL: ANESTHETIC, IRRITATION OF THE RESPIRATORY TRACT OR ACUTE NERVOUS SYSTEM DEPRESSION CHARACTERIZED BY HEADACHE, DIZZINESS, STAGGERING GAIT, CO NFUSION, UNCONSCIOUSNESS OR COMA. INHALING CAN BE HARMFUL OR FATAL. SKIN/EYE: PRIMARY IRRITANT. REPEATED AND PROLONGED**

Effects of Overexposure:**EXPOSURE CAN CAUSE PERMANENT BRAIN AND NERVOUS SYSTEM DAMAGE.

===== First Aid Measures =====

First Aid:INHAL: REMOVE TO FRESH AIR. GIVE OXYGEN FOR BREATHING DIFFICULTIES. CALL DR. EYES: FLUSH IMMEDIATELY WITH LARGE AMOUNTS OF RUNNING WATER FOR AT LEAST 15 MINS. SEE DR. SKIN: WASH AFFECTED AREAS PROMPTLY WITH WATER. REMOVE CONTAMINATED CLOTHING AND LAUNDRY BEFORE REUSE. CALL DR. INGEST: CALL DR OR POISON CENTER IMMEDIATELY. IF CONSCIOUS GIVE ONE OR TWO GLASSES OF WATER. DO NOT INDUCE VOMITING.

===== Fire Fighting Measures =====

Flash Point Method:TCC
Flash P

oint:48 F

Lower Limits:1.0

Extinguishing Media:FOAM, ALCOHOL FOAM, CARBON DIOXIDE, DRY CHEMICAL, WATER FOG.

Fire Fighting Procedures:WATER INEFFECTIVE; USE WATER SPRAY TO COOL CLSD CNTNRS. (PREVENT EXPLOS). AVOID UNNECESSARY EXPOS TO FUMES. IF EXPOSED GET MED AID. USE SCBA IN ENCLOSED AREAS.

Unusual Fire/Explosion Hazard:TOXIC GASES W/BURNING. KEEP CNTNRS TIGHTLY CLSD. ISOLATE FROM HEAT/IGNIT SOURCES/STATIC ELEC. DONT APPLY TO HOT SURFACES. DO NOT STORE OR MIX W/STRONG OXIDAN TS.

===== Accidental Release Measures =====

Spill Release Procedures:REMOVE IGNIT SOURCES. MOP UP SPILLS/ADD ABSORBANT. USE NON-SPARKING TOOLS & ADEQUATE VENTILATION. MOVE LEAKING CNTNRS OUTDRS, OBSERV PRECAUTIONS W/REGARD TO FIRE/SPARK/FLAME HAZARD. RUNOFF TO WTRWAY C REATES FIRE HAZARDS (NOTIFY FIRE/HEALTHAGENCIES).

===== Handling and Storage =====

Handling and Storage Precautions:STORE IN WELL-VENTILATED WAREHO USE.

KEEP OUT OF DIRECT SUNLIGHT OR OTHER HEAT SOURCE. KEEP CONTAINERS CLOSED. NO SMOKING.

Other Precautions:GROUND CNTNRS WHEN POURING. AVOID LIQ FREE FALL IN EXCESS OF A FEW INCHES. USE ORIGINAL CNTNRS ONLY. AVOID SKIN CONTACT/BREATH VAPORS. NO HEAT/INGNIT SOURCES. USE NON-SPARKING TOOLS/EXPLO PROOF EQUIP. USE ONLY W/ADEQUATE VENTILATION.

===== Exposure Controls/Personal Protection =====

Respiratory Protection:OPEN AREAS: USE MECH FILTER RSPRTR. RESTRCT

VENT: CHEM/MECH FILTER RESPIRATOR. CONFINED: AIRLINE RESPIRATOR/HOOD. WEAR REPRTR DURING/AFTER APPLICATION UNLESS VAPOR/MIST BELOW TLV. FOLLOW RSPRTR MFR'S DIRECTIONS FOR RESPIRATOR USE.

Ventilation:USE APPROVED SPRAY BOOTH. PROVIDE GENERAL DILUTION/LOCAL EXHST VENTILATION (VOL/PATTERN TO KEEP CONC BELOW TLV).

Protective Gloves:REQ FOR PROLONGED OR REPEATED CONTACT.

Eye Protection:SPLASH PROOF GOGGLES.

Other Protective Equipment:NONE REQUIRED.

Work Hygienic Practices:NONE R

EQUIRED.

Supplemental Safety and Health

NOTE TO DR: IF MORE THAN 2.0 ML PER KG HAS BEEN INGESTED & VOMITING HAS NOT OCCURRED, EMESIS SHOULD BE INDUCED W/SUPERVISION. KEEP VICTIM'S HEAD BELOW HIPS TO PREVENT ASPIRATION. IF SYMPTOMS (IE, LOSS OF GAG REFLEX, CONVULSIONS OR UNCONSCIOUSNESS BEFORE EMESIS) CONSIDER GASTRIC LAVAGE USING CUFFED ENDOTRACHEAL TUBE.

===== Physical/Chemical Properties =====

Boiling Pt:B.P. Text:173 TO 313F

Vapor Density:> AIR

S

pec Gravity:9.20 LB/GL

Evaporation Rate & Reference:FASTER THAN ETHER

Percent Volatiles by Volume:69

===== Stability and Reactivity Data =====

Stability Indicator/Materials to Avoid:YES

OXIDIZING AGENTS.

Stability Condition to Avoid:TEMPERATURES IN EXCESS OF 150 F IN CLOSED

CONTAINER. EXPOSURE TO HEAT, SPARKS, OPEN FLAMES AND HOT SURFACES.

Hazardous Decomposition Products:CARBON DIOXIDE, CARBON MONOXIDE

===== Disposal Considerations =====

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Waste Disposal Methods:RECLAIM MATERIAL, INCINERATE OR USE A SANITARY LANDFILL METHOD OF DISPOSAL, IN ACCORDANCE WITH FEDERAL, STATE AND LOCAL REGULATIONS. DO NOT INCINERATE CLOSED CONTAINERS. SEAL DRUMS TIGHTLY.

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