

LENMAR INC -- P-902 MIL-L-81352A COMP L-LACQUER,ACRYLIC 378

=====
MSDS Safety Information
=====

FSC: 8010
NIIN: 01-029-6349
MSDS Date: 06/03/1994
MSDS Num: BYNZP
Product ID: P-902 MIL-L-81352A COMP L-LACQUER,ACRYLIC 37875
MFN: 01
Responsible Party
Cage: 0BDY9
Name: LENMAR INC
Address: 150 S CALVERTON RD
City: BAL
TIMORE MD 21223
Info Phone Number: 410-947-2300
Emergency Phone Number: 410-358-5524
Review Ind: Y
Published: Y

=====
Preparer Co. when other than Responsible Party Co.
=====

Cage: 0BDY9
Name: LENMAR, INC.
Address: 150 SOUTH CALVERTON ROAD
City: BALTIMORE MD 21223

=====
Contractor Summary
=====

C
Cage: 0BDY9
Name: LENMAR, INC.
Address: 150 SOUTH CALVERTON ROAD
City: BALTIMORE MD 21223
Phone: 410-947-2300/410-358-5524

=====
Item Description Information
=====

Item Name: LACQUER
=====

=====
Ingredients
=====

Cas: 78-93-3
RTECS #: EL6475000
Name: 2-BUTANONE (METHYL ETHYL KETONE) (MEK)
% Wt: 17-27
Ot

her REC Limits: 590 MG/CUM
OSHA PEL: 200 PPM
ACGIH TLV: 590 MG/CUM
EPA Rpt Qty: 5000 LBS
DOT Rpt Qty: 5000 LBS

Cas: 123-86-4
RTECS #: AF7350000
Name: BUTYL ACETATE (N-BUTYL ACETATE) *95-4*
% Wt: 7-17

Other REC Limits: 150 PPM
OSHA PEL: 710 MG/CUM
ACGIH TLV: 713 MG/CUM
EPA Rpt Qty: 5000 LBS
DOT Rpt Qty: 5000 LBS

Cas: 108-88-3
RTECS #: XS5250000
Name: TOLUENE (IARC CARC- GROUP 3) *95-4*
% Wt: 4-14

Other REC Limits: 375 MG/CUM
OSHA P
EL: 100 PPM
ACGIH TLV: 100 PPM
EPA Rpt Qty: 1000 LBS
DOT Rpt Qty: 1000 LBS

Cas: 71-36-3
RTECS #: EO1400000
Name: BUTANOL, N-BUTYL ALCOHOL, PROPYL CARBINOL, BUTYL ALCOHOL
% Wt: 1-9

Other REC Limits: 300 MG/CUM
OSHA PEL: 100 PPM
ACGIH TLV: C 152 MG/CUM
EPA Rpt Qty: 5000 LBS
DOT Rpt Qty: 5000 LBS

Cas: 108-65-6
RTECS #: AI8925000
Name: PROPYLENEGLYCOL MONOMETHYL ETHER ACETATE, 1-METHOXY-2-PROPANOL ACETATE
% Wt: 1-7
Other REC Limits: NOT E

STABLISHED

Cas: 14807-96-6

RTECS #: WW2710000

Name: TALC (POWDER), (ASBESTOS FREE), TALCUM; HYDROUS MAGNESIUM SILICATE

OSHA PEL: 2 MG/CUM (RESP DUST)

ACGIH TLV: 2 MG/CUM (RESP DUST)

Cas: 13463-67-7

RTECS #: XR2275000

Name: TITANIUM DIOXIDE, TIO2 (SUSPECTED ANIMAL CARCINOGEN, IARC GROUP 3) *95-4*

% Wt: 8-18

OSHA PEL: 15 MG/CUM

ACGIH TLV: 10 MG/CUM (DUST)
=====

Health Hazards Data

=====

Route Of Entry Inds - Inhalation: YES

Skin: NO

Ingestion: YES

Carcinogenicity Inds - NTP: NO

IARC: NO

OSHA: NO

Effects of Exposure: INHALATION: ANESTHETIC. IRRITATION OF THE RESPIRATORY TRACT/ACUTE NERVOUS SYSTEM DEPRESSION. SKIN/EYES: IRRITATION.

REPEATED/PROLONGED EXPOSURE TO SOLVENTS MAY CAUSE PERMANENT BRAIN & NERVOUS SYSTEM DAMAGE. INTENTIONAL MISUSE BY DELIBERATELY CONCENTRATING & INHALING THE MATERIALS MAY BE HARMFUL/FATAL

L. (SEE SUPP)

Explanation Of Carcinogenicity: NONE

Signs And Symptoms Of Overexposure: IRRITATION, HEADACHE, DIZZINESS, STAGGERING GAIT, CONFUSION, UNCONSCIOUSNESS, COMA, LUNG DAMAGE.

First Aid: INHALATION: REMOVE TO FRESH AIR. GIVE OXYGEN IF NEEDED. SKIN: WASH W/WATER. INGESTION: IF CONSCIOUS GIVE 1-2 GLASSES OF WATER. DON'T INDUCE VOMITING. OBTAIN MEDICAL ATTENTION IN ALL CASES. NOTE TO PHYSICIAN: IF MORE THAN 2 ML PER KG HAS BEEN INGESTED & VOMITING HASN'T OCCURED, EMESIS SHOULD BE INDUCED W/SUPERVISION. KEEP HEAD BELOW HIPS TO PREVENT ASPIRATION.

Handling and Disposal
=====

Spill Release Procedures: REMOVE IGNITION SOURCES. MOP UP/ADD ABSORBANT. USE NON-SPARKING TOOLS. USE ADEQUATE VENTILATION. MOVE LEAKING CONTAINERS OUTDOORS, OBSERVE PRECAUTIONS TO FIRE/SPARKS & FLAME HAZARD. RUN-OFF TO WATERWAY CREATES FIRE HAZARDS.

Waste Disposal Methods: RECLAIM

MATERIAL, INCINERATE/USE SANITARY LANDFILL
METHOD OF DISPOSAL IAW/FEDERAL, STATE & LOCAL REGULATIONS. DON'T
INCINERATE CLOSED CONTAINERS. SEAL DRUMS TIGHTLY.

Handling And Storage Precautions: STORE IN WELL-VENTILATED WAREHOUSE. KEEP OUT
OF DIRECT SUNLIGHT/OTHER HEAT SOURCES. KEEP CONTAINERS CLOSED. GROUND
CONTAINERS WHEN POURING.

Other Precautions: AVOID FREE FALL OF LIQUID IN EXCESS OF A FEW INCHES. CLOSE
CONTAINERS AFTER EACH USE. DON'T TRANSFER CONTENTS TO BOTTLES/OTHER
UNLAB

ELED CONTAINERS. AVOID SKIN CONTACT & INHALATION. DON'T APPLY TO HO
T SURFACES. USE W/ADEQUATE VENTILATION.

=====
Fire and Explosion Hazard Information
=====

Flash Point Method: SCC

Flash Point Text: 45F

Lower Limits: 1.4

Extinguishing Media: FOAM, ALCOHOL FOAM, CO2, DRY WATER FOG

Fire Fighting Procedures: WATER MAY BE INEFFECTIVE. USE WATER SPRAY TO COOL
EXPOSED CLOSED CONTAINERS. USE SC
BA IN ENCLOSED AREAS.

Unusual Fire/Explosion Hazard: TOXIC GASES ARE EVOLVED WHEN BURNING. CLOSED
CONTAINERS MAY EXPLODE WHEN EXPOSED TO EXTREME HEAT.

=====
Control Measures
=====

Respiratory Protection: OPEN AREAS: APPROVED MECHANICAL FILTER RESPIRATOR.
RESTRICTED VENTILATION: APPROVED CHEMICAL/MECHANICAL FILTERS DESIGNED TO
REMOVE A COMBINATION OF PARTICULATES & VAPOR. PROPERLY FITTED
, NIOSH

APPROVE D RESPIRATOR DURING/AFTER APPLICATION.

Ventilation: APPROVED SPRAY BOOTH. GENERAL DILUTION/LOCAL EXHAUST VENTILATION
IN VOLUME & PATTERN TO KEEP CONCENTRATION BELOW TLV.

Protective Gloves: REQUIRED

Eye Protection: SPLASH-PROOF GOGGLES

Other Protective Equipment: NONE REQUIRED.

Work Hygienic Practices: REMOVE/LAUNDER CONTAMINATED CLOTHING BEFORE REUSE.

Supplemental Safety and Health: HEALTH HAZARDS CONT'D: LONG TERM EXPOSURE MAY
CAUSE TALCOSIS. EMPTY CONTAINERS RETAIN RE

SIDUE & CAN BE DANGEROUS. DON'T

PRESSURIZE/CUT/WELD/BRAZE/SOLDER/CONTAINERS. DON'T ATTEMPT TO CLEAN SINCE
RESIDU E IS DIFFICULT TO REMOVE. EMPTY DRUMS SHOULD BE COMPLETELY DRAINED
& RETURNED TO A DRUM RECONDITIONER.

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

B.P. Text: 176-302F

Vapor Density: >1

Evaporation Rate & Reference: SLOWER THAN ETHER

Percent Volatiles by Volume: 68

===

=====
Reactivity Data
=====

Stability Indicator: YES

Stability Condition To Avoid: HEAT, ELECTRICAL EQUIPMENT, SPARKS, OPEN FLAME,
STATIC ELECTRICITY, HOT SURFACES, TEMP >150F

Materials To Avoid: OXIDIZING AGENTS.

Hazardous Decomposition Products: CO, CO2.

Hazardous Polymerization Indicator: NO
=====

Toxicological Information
=====

=====
Ecological Information
=====

=====
MSDS Transport Information
=====

=====
Regulatory Information
=====

=====
Other Information
=====

=====
HAZCOM Label
=====

Product ID: P-902 MIL-L-81352A COMP L-LACQUER,ACRYLIC 37875

Cage: 0BDY9

Company Name: LENMAR, INC.

Street: 150 SOUTH CALVERTON ROAD

City: BALTIMORE MD

Zipcode: 21223

Health Emergency Phone: 410-358-5524

Label Required IND: Y

Date Of Label Review: 12/16/1998

Status Code: C

Label Date: 12/16/1998

Origination Code: G

Hazard And Precautions: INHALATION: ANESTHETIC. IRRITATION OF THE RESPIRATORY TRACT/ACUTE NERVOUS SYSTEM DEPRESSION. SKIN/EYES: IRRITATION. REPEATED/PROLONGED EXPOSURE TO SOLVENTS MAY CAUSE PERMANENT BRAIN & NERVOUS SYSTEM DAMAGE. INTENTIONAL MISUSE BY DELIBERATELY CONCENTRATING & INHALING THE MATERIALS MAY BE HARMFUL/FATAL. (SEE SUPP) IRRITATION, HEADACHE, DIZZINESS, STAGGERING GAIT, CONFUSION, UNCONSCIOUSNESS, CO MA, LUNG DAMAGE.

=====

=====

Disclaimer (provided with this information by the compiling agencies): This information is formulated for use by elements of the Department of Defense. The United States of America in no manner whatsoever expressly or implied warrants, states, or intends said information to have any application, use or viability by or to any person or persons outside the Department of Defense nor any person or persons contracting with any instrumentality of the United States of America and disclaims all liability for such use. Any person utilizing this instruction who is not a military or civilian employee of the United States of America should seek competent professional advice to verify and assume responsibility for the suitability of this information to their particular situation regardless of similarity to a corresponding Department of Defense or other government situation.