

LENMAR INC. -- P-983 MIL-L-81352, LACQUER, ACRYLIC

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

FSC: 8010
NIIN: 00-935-7062
MSDS Date: 07/01/1991
MSDS Num: BQYJH
Product ID: P-983 MIL-L-81352, LACQUER, ACRYLIC
MFN: 01
Responsible Party
Cage: KO656
Name: LENMAR INC.
Address: 150 S CALVERTON ROAD
City: BALTIMORE MD
21223
Info Phone Number: 301-947-2300
Emergency Phone Number: 301-358-5524
Review Ind: Y
Published: Y

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

Cage: KO656
Name: LENMAR INC.
Address: 150 SOUTH CALVERTON ROAD
City: BALTIMORE MD 21223
Phone: (301) 947-2300
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 Manager: GSA
Item Name: LACQUER
Unit of Issue: GL
UI Container Qty: 4

=====
Ingredients
=====

Cas: 78-93-3
RTECS #: EL6475000
Name: METHYL ETHYL KETONE (2-BUTANONE) (VAPOR PRESSURE: 70 MM HG @ 20C)
% Wt: 20-30
Other REC Limits: NONE SPECIFIED
OSHA PEL: 200 PPM
ACGIH TLV: 200 PPM
EPA

Rpt Qty: 5000 LBS
DOT Rpt Qty: 5000 LBS

Cas: 123-86-4
RTECS #: AF7350000
Name: N-BUTYL ACETATE (BUTYL ESTER, ACETIC ACID) (VAPOR PRESSURE: 8 MM HG @ 20C)
% Wt: 10-20
Other REC Limits: NONE SPECIFIED
OSHA PEL: 150 PPM
ACGIH TLV: 150 PPM
EPA Rpt Qty: 5000 LBS
DOT Rpt Qty: 5000 LBS

Cas: 108-88-3
RTECS #: XS5250000
Name: TOLUENE (METHYLBENZENE) (VAPOR PRESSURE: 22 MM HG @ 20C)
% Wt: 10-20
Other REC Limits: NONE SPECIFIED
OSHA PEL: 200
PPM/150 STEL
ACGIH TLV: 50 PPM; 9293
EPA Rpt Qty: 1000 LBS
DOT Rpt Qty: 1000 LBS

Cas: 71-36-3
RTECS #: EO1400000
Name: BUTANOL (1-BUTANOL) (VAPOR PRESSURE: 5.5 MM HG @ 20C)
% Wt: 1-11
Other REC Limits: NONE SPECIFIED
OSHA PEL: 100 PPM
ACGIH TLV: S, C 50 PPM; 9293
EPA Rpt Qty: 5000 LBS
DOT Rpt Qty: 5000 LBS

Cas: 108-65-6
RTECS #: AI8925000
Name: PROPYLENE GLYCOL METHYL ETHER ACETATE (1-METHOXY-2-ACETOXYPROPANE)
(VAPOR PRESSURE 3.7 MM

HG @ 20 C)

% Wt: 1-11

Other REC Limits: NONE SPECIFIED

OSHA PEL: NONE ESTABLISHED

ACGIH TLV: NONE ESTABLISHED

Cas: 12656-85-8

RTECS #: QA4600000

Name: MOLYBDATE ORANGE PIGMENT (AS RECEIVED)

% Wt: 1.97

Other REC Limits: NONE SPECIFIED

=====
Health Hazards Data
=====

Route Of Entry Inds - Inhalation: YES

Skin: YES

Ingestion: NO

Carcinogenicity Inds - NTP: NO

IARC: NO

OSHA: NO

Signs And Symptoms Of Overexposure: INHALATION: ANESTHETIC. RESPIRATORY TRACT IRRIT-ACUTE NERVOUS SYSTEM DEPRESS W/HEADACHE-DIZZINESS-STAG GAIT-CONFUSION-UNCONSCIOUSNESS-COMA. SKIN OR EYE CONTACT: PRIMARY IRRIT. PERMANENT BRAIN AND NERVOUS SYSTEM DAMAGE. INTENTIONAL MISUSE BY DELIBERATELY CONCENTRATING AND INHALING THE CONTENTS MAY BE HARMFUL OR FATAL.

First Aid: INHAL: RESTORE BREATHING-KEEP WARM/QUIET. NOTIFY PHYSICIAN. EYES:

FLUSH IMMEDIATELY WITH COPIOUS QUANTITIES OF RUNNING WATER

FOR 15 MINS. TAKE TO PHYSICIAN

FOR DEFINITIVE MEDICAL TREATMENT. SKIN: WASH WITH WATER. REMOVE CONTAMINATED CLOTHING. CONSULT PHYSICIAN. INGEST: IF SWALLOWED, CALL DRUG OR POISON CONTROL CENTER IMMEDIATELY. DRINK 1 OR 2 GLASSES OF WATER TO DILUTE. TREAT SYMPTOMATICALLY. DO NOT INDUCE VOMITING.

=====
Handling and Disposal
=====

Spill Release Procedures: REMOVE ALL IGNITIBLE SOURCES. MOP UP SPILLS/ADD ABSORBENT

NON-SPARKING TOOLS. USE ADEQUATE VENTILATION. MOVE LEAKING CONTAINERS TO OUTSIDE DOORS OBSERVING PRECAUTIONS WITH REFERENCE TO FIRE-SPARK-FLAME HAZARD. RUN OFF TO WATERWAY CREATES FIRE HAZARDS-NOTIFY FIRE/HEALTH AGENCIES.

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

Handling And Storage Precautions: STORE IN WELL VENTILATED WAREHOUSE.

KEEP OUT

OF DIRECT SUNLIGHT OR OTHER HEAT SOURCE. KEEP CONTAINERS CLOSED. NO SMOKING.
USE ONLY W/ADEQUATE VENT.

Other Precautions: DONT INGEST-HARMFUL/FATAL. GROUND CNTNRS W/POURING. AVOID
FREE FALL OF LIQ. CLOSE CNTNR AFTER EACH USE-DONT TRANSFER. AVOID SKIN
CONTACT/INHAL. EXTING PILOT LIGHTS. USE NON-SPARK TOOLS-KEEP FROM IGNIT
SRCS. DO NOT APPLY TO HOT SURFACES.

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

=====
Flash Point Method: TCC

Flash Point Text: 21.0F,-6.1C

Lower Limits: 1.4%

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

Fire Fighting Procedures: USE WTR SPRAY TO COOL FIRE EXPOSED CNTNRS-AIR
SUPPLIED RESCUE EQUIP AND SCBA FOR ENCLOSED AREAS. AVOID UNNECESSARY EXPOS TO
FUMES-IF EXPOSED GET IMMED MED ATTN.

Unusual Fire/Explosion Hazard: KEEP CNTNRS CLSD TIGHT-AWAY FROM IGNIT SRCS.
CLSD CNTNRS MAY EXPLODE W/EXTREME HEAT-USE WTR TO COOL.

DO NOT APPLY TO HOT
SURFACES/STORE OR MIX W/STRONG OXIDANTS

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

Ventilation: USE APPROVED SPRAY BOOTH. PROVIDE GENERAL DILUTION/LOCAL EXHAUST
VENT IN VOL/PATTERN TO KEEP TLV BELOW ACCEPTABLE LIMIT.

Protective Gloves: REQUIRED.

Eye Protection: SAFETY GLASSES.

Other Protective Equipment: PREVENT PROLONGED SKIN CONTACT WITH CONTAMINATED
CLOTHING.

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

B.P. Text: 176 TO 302F

Vapor Density: > THAN AIR

Evaporation Rate & Reference: SLOWER THAN ETHER

Percent Volatiles by Volume: 75%

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

Stability Indicator: YES

Stability Condition To Avoid: TEMPERATURES IN EXCESS OF 150F IN CLOSED
CONTAINER. EXPOS

URE TO HEAT, SPARKS, OPEN FLAME, HOT SURFACES.

Materials To Avoid: OXYGEN AND STRONG OXIDANTS.

Hazardous Decomposition Products: CARBON DIOXIDE AND CARBON MONOXIDE, OXIDES OF LEAD AND CHROMIUM.

Hazardous Polymerization Indicator: NO

=====
Toxicological Information
=====

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

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

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

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

=====
Transportation Information
=====

=====
Responsible Party Cage: KO656
Trans ID NO: 93375
Product ID: P-983 MIL-L-81352, LACQUER, ACRYLIC
MSDS Prepared Date: 07/01/1991
Review Date: 05/03/1993
MFN: 1
Net Unit Weight: 8.09 LBS
Multiple KIT Number: 0
Review IND: Y
Unit Of Issue: GL
Container QTY: 4
=====

=====
Detail DOT Information
=====

DOT PSN Code: LFD
DOT Proper Shipping Name: PAINT

DOT PSN Modifier: INCLUDING PAINT, LACQUER, ENAMEL, STAIN, SHELLAC SOLUTIONS,
VARNISH, POLISH, LIQUID FILLER, AND LIQUID LACQUER BASE

Hazard Class: 3

UN ID Num: UN1263

DOT Packaging Group: II

Label: FLAMMABLE LIQUID

Special Provision: B52,T7,T30

Packaging Exception: 150

Non Bulk Pack: 173

Bulk Pack: 242

Max Qty Pass: 5 L

Max Qty Cargo: 60 L

Vessel Stow Req: B

=====
Detail IMO Information
=====

IMO PSN Code: LCP

IMO Proper Shipping Name: PAINT OR PAINT RELATED MATERIAL

IMO PSN Modifier: (INCLUDING PAINT, LACQUER, ENAMEL, STAIN, SHELLAC SOLUTIONS,
VARNISH, POLISH, LIQUID FILLER AND LIQUID LACQUER BASE) OR (INCLUDING PAINT
THINNING OR REDUCING COMPOUND) o

IMDG Page Number: 3268

UN Number: 1263

UN Hazard Class: 3.2

IMO Packaging Group: I/II *

Subsidiary Risk Label: -

EMS Number: 3-05

MED First Aid Guide NUM: 310

=====
Detail IATA Infor
mation
=====

IATA PSN Code: SXI

IATA UN ID Num: 1263

IATA Proper Shipping Name: PAINT

IATA PSN Modifier: (INCLUDING

PAINT,LACQUER,ENAMEL,STAIN,SHELLAC,VARNISH,POLISH,LIQUID FILLER AND LIQUID
LACQUER BASE)

IATA UN Class: 3

IATA Label: FLAMMABLE LIQUID

UN Packing Group: II

Packing Note Passenger: 305

Max Quant Pass: 5L

Max Quant Cargo: 60L

Packaging Note Cargo: 307

Exceptions: A7,A72

=====
Deta

il AFI Information

=====
AFI PSN Code: SXI

AFI Proper Shipping Name: PAINT OR PAINT RELATED MATERIAL

AFI PSN Modifier: (INCLUDING PAINT,LACQUER,ENAMEL,STAIN,SHELLAC

SOLUTIONS,VARNISH,POLISH,LIQUID FILLER AND LIQUID LACQUER BASE) OR (INCLUDING PAINT THINNING OR REDUCING COMPOUNDS)

AFI Hazard Class: 3

AFI UN ID NUM: UN1263

AFI Packing Group: II

Special Provisions: P5

Back Pack Reference: A7.3
=====

=====
HAZCOM Label

=====
Product ID: P-983 MIL-L-81352, LACQUER, ACRYLIC

Cage: KO656

Assigned IND: Y

Company Name: LENMAR INC.

Street: 150 SOUTH CALVERTON ROAD

City: BALTIMORE MD

Zipcode: 21223

Health Emergency Phone: 301-358-5524

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: N/K

INHALATION: ANESTHETIC. RESPIRATORY TRACT

IRRIT-ACUTE N

ERVOUS SYSTEM DEPRESS W/HEADACHE-DIZZINESS-STAG GAIT-CONFUSION

-UNCONSCIOUSNESS-COMA. SKIN OR EYE CONTACT: PRIMARY IRRIT. PERMANENT BRAIN AND NERVOUS SYSTEM DAMAGE. INTENTIONAL MISUSE BY DELIBERATELY CONCENTRATING AND INHALING THE CONTENTS MAY BE HARMFUL OR FATAL .
=====

Disclaimer (provided with this information by the compiling agencies): This information is formulated for use by elements of the Department of Defense. The United State

s 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.