

LENMAR INCORPORATED -- P-888 LACQUER, ACRYLIC 36622 (NAVAL SYSTEMS)

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

FSC: 8010
NIIN: 00-068-8786
MSDS Date: 09/01/1991
MSDS Num: BSFMY
Product ID: P-888 LACQUER, ACRYLIC 36622 (NAVAL SYSTEMS)
MFN: 01
Responsible Party
Cage: JO974
Name: LENMAR INCORPORATED
Address: 150 SOUTH CALVERTON RO
AD
City: BALTIMORE MD 21223
Info Phone Number: 301-947-2300
Emergency Phone Number: 301-323-4460
Review Ind: Y
Published: Y

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

Cage: JO974
Name: LENMAR INCORPORATED
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
Specification Number: MIL-L-81352A
Type/Grade/Class: COMP L
Unit of Issue: GL
UI Container Qty: 4
Type of Container: METAL

=====
Ingredients
=====

Cas: 78-93-3
RTECS #: EL6475000
Name: METHYL ETHYL KETONE (2-BUTANONE) (VAPO

R PRESSURE 70 MM HG @ 20C)

% Wt: 15-25

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 (SARA 313) (VAPOR PRESSURE 8 MM HG @ 20C)

% 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

Cas: 108-88-3

RTECS #: XS5250000

Name: TOLUENE (SARA 313) (VAPO

R PRESSURE 22 MM HG @ 20C)

% Wt: 5-15

Other REC Limits: NONE SPECIFIED

OSHA PEL: NOT ESTABLISHED

ACGIH TLV: 100 PPM

EPA Rpt Qty: 1000 LBS

DOT Rpt Qty: 1000 LBS

Cas: 108-65-6

RTECS #: AI8925000

Name: PROPYLENE GLYCOL METHYL ETHER ACETATE (1-METHOXY-2-ACETOXYPROPANE)
(VAPOR

PRESSURE 3.7 MM HG @ 20C)

% Wt: 0-10

Other REC Limits: NONE SPECIFIED

OSHA PEL: NONE ESTABLISHED

ACGIH TLV: NONE ESTABLISHED

Cas: 71-36-3

RTECS #: EO1400000

Name:

BUTANOL (1-BUTANOL) (SARA 313) (VAPOR PRESSURE 5.5 MM HG @ 20C)

% Wt: 0-10

Other REC Limits: NONE SPECIFIED

OSHA PEL: NOT ESTABLISHED

ACGIH TLV: 50 PPM

EPA Rpt Qty: 5000 LBS

DOT Rpt Qty: 5000 LBS

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

Route Of Entry Inds - Inhalation: YES

Skin: YES

Effects of Exposure: REPORTS HAVE ASSOCIATED REPEATED AND PROLONGED
OCCUPATIONAL OVEREXPOSURE TO SOLVENTS WITH PERMANENT
BRAIN AND NERVOUS SYSTEM

DAMAGE. INTENTIONAL MISUSE BY DELIBERATELY CONCENTRATING AND INHALING THE C
ONTENTS MAY BE HARMFUL OR FATAL.

Signs And Symptions Of Overexposure: INHALATION: ANESTHETIC. IRRITATION OF THE
RESPIRATORY TRACT OR ACUTE NERVOUS SYSTEM DEPRESSION CHARACTERIZED BY
HEADACHE, DIZZNESS, STAGGERING GAIT, CONFUSION, UNCONSCIOUSNESS OR COMA. SKIN
OR EYE CON TACT: PRIMARY IRRITANT.

First Aid: FUMES: RESTORE BREATHING. KEEP WARM & QUIET. NOTIFY A PHYSICIAN.
SPLASH (EYES

): FLUSH IMMED W/COPIOUS QUANTITIES OF RUNNING WATER FOR AT LEAST
15 MINS. TAKE TO A PHYSICIAN FOR DEFINITIVE MEDICAL TREAT MENT. SPLASH
(SKIN): WASH AFFECTED AREAW/SOAP & WATER. CONSULT A PHYSICIAN. IF
SWALLOWED, CALL PHYSICIAN OR POISON CONTROL IMMEDIATELY. DRINK 1 OR 2 GLASSES
OF WATER TO DILUTE. DO NOT INDUCE VOMITING

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

Spill Release Procedures: REMO

VE ALL SOURCES OF IGNITION. MOP UP SPILLS OR ADD
ABSORBENT. USE NON-SPARKING TOOLS. USE ADEQUATE VENT. MOVE LEAKING CONTAINERS
TO OUT OF DOORS OBSERVING PRECAUTIONS WITH REFER TO FIRE, SPARK & FLA ME
HAZ. RUN OFF TO WATERWAY CREATES FIRE HAZARD;

Waste Disposal Methods: NOTIFY FIRE & HEALTH AGENCIES. RECLAIM MATERIAL
INCINERATE, OR USE SANITARY LANDFILL METHOD OF DISPOSAL IN ACCORDANCE WITH
LOCAL, STATE & FEDERAL REGULATIONS. DO NOT INCINERATE CLOSED CONTAINERS.
SEAL EMPTY

DRUMS TIGHTLY.

Handling And Storage Precautions: STORE IN WELL VENTED AREA. KEEP OUT OF DIRECT SUNLIGHT. KEEP CONTAINERS CLOSED. NO SMOKING. CONTAINERS SHOULD BE GROUNDED WHEN POURING. AVOID FREEFALL

Other Precautions: OF LIQUID EXCESS OF FEW INCHES. DON'T TAKE INTERNALLY; HARMFUL/FATAL IF SWALLOWED. DON'T TRANSFER CONTENTS TO BOTTLES OTHER UNLABELED CONTAINERS. AVOID PROLONGED CONTACT W/SKIN & BREATHING OF VAPOR/ SPRAY MIST. EMPTY DRUMS RETAIN RESIDUE &

=====

=====

Fire and Explosion Hazard Information

=====

Flash Point Method: TCC

Flash Point Text: 21.0F,-6.1C

Lower Limits: 1.4(TOLUENE)

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

Fire Fighting Procedures: WATER MAY BE INEFFECTIVE; USE WATER SPRAY TO COOL FIRE-EXPOSED CLOSED CONTAINER TO PREVENT EXPLOSION. USE AIR SUPPLIED/ SCBA IN ENCLOSED AREAS.

Unusual Fire/Explosion Hazard: TOXIC GASES ARE

EVOLVED WHEN BURNING. KEEP

CONTAINERS TIGHTLY CLOSED. ISOLATE FROM ALL HEAT TYPES. CLOSED CONTAINERS MAY EXPLODE WHEN EXPOSED TO EXTREME HEAT.

=====

Control Measures

=====

Respiratory Protection: FOLLOW RESPIRATOR MANUFACTURER'S DIRECTIONS FOR RESPIRATOR USE. OPEN AREA USE MECHANICAL FILTER. IN RESTRICTED VENTED AREAS USE CHEMICAL-MECHANICAL FILTERS. IN CONFINED AREAS USE AIR LINE TYPE RESPIRATORS OR HOODS.

Ventilation: USE APPROVED SPRAY BOOTH. PROVIDE GENERAL DILUTION OR LOCAL EXHAUST VENTILATION IN VOLUME/PATTERN TO KEEP BELOW TLV.

Protective Gloves: REQUIRED FOR PROLONGED/REPEATED CONTACT

Eye Protection: SAFETY GLASSES

Other Protective Equipment: PREVENT PROLONGED SKIN CONTACT WITH CONTAMINATED CLOTHING. REMOVE & WASH CONTAMINATED CLOTHING BEFORE REUSE.

Supplemental Safety and Health: CAN BE DANGEROUS. DO NOT PRESSURIZE, CUT, WELD, BRAZE, SOLDER, DRILL, GRIND OR EXPOSE SUCH CONTAINERS TO HEAT. THEY MAY

EXPLODE & CAUSE INJURY OR DEATH. DON'T ATTEMPT TO CLEAN SINCE RESIDUE IS DIFFICULT TO REMOVE. EMPTY DRUMS SHOULD BE COMPLETELY DRAINED, PROPERLY BUNGED & PROMPTLY RETURNED TO A DRUM RECONDITIONER.

=====

Physical/Chemical Properties

=====

HCC: F3

B.P. Text: 176 TO 302F

Vapor Density: > AIR

Evaporation Rate & Reference: SLOWER THAN ETHER

Percent Volatiles by Volume: 68

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

Stability Indicator: YES

Stability Condition To Avoid: TEMPERATURES IN EXCESS OF 150F IN CLOSED CONTAINER. EXPOSURE TO HEAT, SPARKS, OPEN FLAME, HOT SURFACES.

Materials To Avoid: OXYGEN & STRONG OXIDANTS

Hazardous Decomposition Products: CARBON DIOXIDE AND CARBON MONOXIDE

Hazardous Polymerization Indicator: NO
=====

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

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

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

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

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

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

Responsible Party Cage: JO974

Trans ID NO: 45833

Product ID: P-888 LACQUER, ACRYLIC 36622 (NAVAL SYSTEMS)

MSDS Prepared Date: 09/01/1991

Review Date: 09/16/1993

MFN: 1

Net Unit Weight: 9.38 LB

Multiple

KIT Number: 0

Review IND: Y

Unit Of Issue: GL

Container QTY: 4

Type Of Container: METAL
=====

=====
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 Information
=====

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

=====
Detail AFI Information
=====

AFI PSN Code: SXI
AFI Proper Shipping Name: PAINT OR PAINT RELATED MATERIAL
AFI PSN Modifier: (INCLUDING PAINT,LACQUER,ENAMEL,STAIN,SHELLAC
SOLUTION

S,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-888 LACQUER, ACRYLIC 36622 (NAVAL SYSTEMS)
Cage: JO974
Assigned IND: Y
Company Name: LENMAR INCORPORATED
Street: 150 SOUTH CALVERTON ROAD

City: BALTIMORE MD
Zipcode: 21223
Health Emergency Phone: 301-323-4460
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: REPORTS HAVE ASSOCIATED REPEATED AND PROLONGED
OCCUPATIONAL OVEREXPOSURE TO SOLVENTS WITH PERMANENT BRAIN AND NERVOUS
SYSTEM

DAMAGE. INTENTIONAL MISUSE BY DELIBERATELY CONCENTRATING AND INHALING THE C
ONTENTS MAY BE HARMFUL OR FATAL.

INHALATION: ANESTHETIC. IRRITAT
ION OF THE
RESPIRATORY TRACT OR ACUTE NERVOUS SYSTEM DEPR ESSION CHARACTERIZED BY
HEADACHE, DIZZNESS, STAGGERING GAIT, CONFUSION,UNCONSCIOUSNESS OR COMA. SKIN
OR EYE CONTACT: PRIMARY IRRITANT.

=====
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, sta
tes, 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.