

LENMAR INC -- P-890 LACQUER NO. 37038

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MSDS Safety Information
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FSC: 8010
NIIN: 00-527-2884
MSDS Date: 01/01/1993
MSDS Num: BRKFQ
Product ID: P-890 LACQUER NO. 37038
MFN: 01
Responsible Party
Cage: 0BDY9
Name: LENMAR INC
Address: 150 S CALVERTON RD
City: BALTIMORE MD 21223
Info Phone Number: 410-947-2300
Emergency Phone Number: 410-947-2300
Review Ind: Y
Published: Y

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

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Item Description Information
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Item Name: LAC
QUER
Specification Number: MIL-L-19538C
Type/Grade/Class: CLASS 2
Type of Container: METAL

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Ingredients
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Cas: 78-93-3
RTECS #: EL6475000
Name: METHYL ETHYL KETONE (2-BUTANONE) (VAPOR PRESSURE 70 MM HG @ 20C) (SARA 313)
% 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

RTECS #: AF7350000

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

% Wt: 15-25

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) (VAPOR PRESSURE 22 MM HG @ 20C)

% Wt: 5-15

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: 67-63-0

RTECS #: NT8050000

Name: ISOPROPANOL (2-PROPANOL) (VAPOR PRESSURE 33 MM HG @ 20C) (SARA 313)

% Wt: 1-10

Other REC Limits: NONE SPECIFIED

OSHA PEL: 400 PPM

ACGIH TLV: 400 PPM

Cas: 71-36-3

RTECS #: EO1400000

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

% Wt: 1-10

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 (VAPOR PRESSURE 3.7 MM HG @ 20 C)
(1-METHOXY-2-ACETOXYPROPANE)

% Wt: 1-10

Other REC Limits: NONE SPECIFIED

OSHA PEL: NONE ESTABLISHED

ACGIH TLV: NONE ESTABLISHED

Cas: 117-81-7

RTECS #: TI0350000

Name: DIOCTYL PHTHALATE

% Wt: 1-9

Other REC Limits: NONE SPECIFIED

OSHA PEL: NOT ESTABLISHED

ACGIH TLV: NOT ESTABLISHED

EPA Rpt Qty: 100 LBS

DOT Rpt Qty: 100 LBS

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Cas: 9004-70-0

RTECS #: WG2934500

Name: NITROCELLULOSE

% Wt: 7-17

Other REC Limits: NONE SPECIFIED

OSHA PEL: NONE ESTABLISHED

ACGIH TLV: NONE ESTABLISHED

Cas: 14807-96-6

RTECS #: MW2700000

Name: TALC

% Wt: 5-15

Other REC Limits: NONE SPECIFIED

OSHA PEL: NOT ESTABLISHED

ACGIH TLV: NOT ESTABLISHED

RTECS #: 9999999VO

Name: VOC: 5.33 LBS/GAL - 638.7 GRAMS/LITRE

Other REC Limits: NONE SPECIFIED

Health Hazards Data

Route Of Entry Inds - Inhalation: YES

Skin: YES

Ingestion: NO

Carcinogenicity Inds - NTP: YES

IARC: YES

Effects of Exposure: INHALATION: ANESTHETIC. IRRITATION RESPIRATORY TRACT OR ACUTE NERVOUS SYSTEM DEPRESSION CHARACTERIZED BY HEADACHE, DIZZINESS, STAGGERING GAIT, CONFUSION, UNCONSCIOUSNESS OR COMA. SKIN OR EYE CONTACT: PRIMARY IRRITANT.

Explanation Of Carcinogenicity: CONTAINS CHEMICAL(S) SUBJECT TO REPORT.

REQUIREMENTS SEC 313 OF TITLE III SUPERFUND AMEND/REAUTHOR ACT '86/40CFR. PART37

Signs And Symptoms Of Overexposure: OVEREXPOSURE TO THIS MATERIAL (OR ITS COMPONENTS) HAS APPARENTLY BEEN FOUND TO CAUSE FOLLOWING EFFECTS IN LAB ANIMALS: LIVER ABNORMALITIES, KIDNEY & LUNG DAMAGE SPLEEN DAMAGE. HUMANS: LIVER ABNORMALITIES.

Medical Cond Aggravated By Exposure: REPORTS HAVE ASSOCIATED REPEATED/PROLONGED OCCUPATIONAL EXPOSURE TO SOLVENTS W/PERMANENT BRAIN/NERVOUS SYSTEM

M DAMAGE.

INTENTIONAL MISUSE BY DELIBERATEDLY CONCENTRATING/INHALING MATERIAL HARMFUL/FATAL.

First Aid: INHALATION: REMOVE TO FRESH AIR. GIVE OXYGEN IF BREATHING IS DIFFICULT. CALL A PHYSICIAN. SKIN: WASH AFFECTED AREAS WITH WATER. CONSULT A PHYSICIAN. INGESTION: CALL A PHYSICIAN OR POISON CONTROL CENTER IMMEDIATELY. IF CONSCIOUS GIVE 1-2 GLASSES OF WATER. DO NOT INDUCE VOMITING.

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Handling and Disposal
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Spill Release Procedures: REMOVE SOURCES OF IGNITION. MOP UP SPILLS/ ADD ABSORBENT. USE NON-SPARKING TOOLS. VENT AREA WELL. LEAKING CNTNRS TO OUTDOORS, OBSERVING PRECAUTIONS W/REGARD TO FIRE, SPARK & FLAME HAZARD. RUNOFF TO WATERWAY FIRE HAZARD; NOTIFY APPROP AGENCY.

Waste Disposal Methods: RECLAIM MATERIAL, INCINERATE, OR USE SANITARY LANDFILL. DISPOSE OF IN ACCORDANCE W/LOCAL, STATE & FEDERAL REGULATIONS. DON'T INCINERATE CLOSED CONTAINERS. SEAL DRUMS TIGHTLY.

Handling And Storage Precautions: STORE IN WELL VENTED WAREHOUSE. KEEP OUT OF DIRECT SUN-LIGHT/HEAT SOURCE. KEEP CONTAINERS CLOSED. NO SMOKING. DON'T INGEST. NO FREE FALL > FEW INCHES.

Other Precautions: EMPTY CONTAINERS RETAIN RESIDUE (LIQUID &/OR VAPOR) THUS DANGEROUS. DON'T PRESSURIZE, CUT, WELD, BRAZE, SOLDER, DRILL, GRIND OR EXPOSE TO HEAT, FLAME, SPARKS, OR IGNITION. EMPTY DRUMS COMPLETELY DRAIN ED, PROPERLY RETURNED TO DRUM RECONDIT.

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Fire and Explosion Hazard Information
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Flash Point Method: TCC

Flash Point Text: 21.0F,-6.1C

Lower Limits: 1.4

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

Fire Fighting Procedures: WATER INEFFECTIVE, H2O TO COOL CONTAINERS TO PREVENT EXPLOSION. USE SELF-CONTAINED BREATHING APPARATUS IN ENCLOSED AREAS. AVOID EXPOSURE TO FUMES.

Unusual Fire/Explosion Hazard: TOXIC GASES EVOLVED WHEN BURNING. KEEP CNTNRS

CLSD. ISOLATE FM ALL HEAT TYPES. CLDS CNTNRS EXPLODE EXPO TO HEAT. DO NOT

STORE OR MIX WITH STRONG OXIDANTS.

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Control Measures
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Respiratory Protection: OPEN AREAS APPROVED MECHANICAL FILTER RESP TO REMOVE SOLID AIR-BORNE PARTICLES DURING SPRAY APPL. RESTRICT VENT AREAS CHEM/MECH FILTERS REMOVE COMB OF PART/VAPOR. CONFIN AREA AIRLINE OR HOODS

. FOLLOW

RESPIRATOR MANUFACTURER'S DIRECTIONS.

Ventilation: APPROVED SPRAY BOOTH. GENERAL, LOCAL, IN VOLUME & PATTERN TO KEEP CONCENTRATION BELOW THE TLV.

Protective Gloves: REQUIRED FOR PROLONGED/REPEATED CONTACT.

Eye Protection: SPLASH-PROOF GOGGLES

Other Protective Equipment: NONE REQUIRED

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Physical/Chemical Properties
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HCC: F2

B.P. Text: 176 TO 313F

Vapor Density: > AIR

Evaporation Rate & Reference: SLOWER THAN ETHER

Percent Volatiles by Volume: 75
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Reactivity Data
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Stability Indicator: YES

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

Materials To Avoid: OXIDIZING AGENTS

Hazardous Decomposition Products: CARBON DIOXIDE, CARBON MONOXIDE, OXIDES OF NITROGE

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Hazardous Polymerization Indicator: NO
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Toxicological Information
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Ecological Information
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MSDS Transport Information
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Regulatory Information
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Other Information
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Transportation Information
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Responsible Party Code: 0BDY9

Trans ID NO: 75134

Product ID: P-890 LACQUER NO. 37038

MSDS Prepared Date: 01/01/1993

Review Date: 07/26/1

993
MFN: 1
Net Unit Weight: 8.35 LB
Multiple KIT Number: 0
Review IND: Y
Type Of Container: METAL

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Detail DOT Information
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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 LIQUI
D
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

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Detail IMO Information
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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

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Detail IATA Information
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IATA PSN Code: SXI
IATA UN ID Num: 1263
IATA Proper Shipping Name: PAINT
IATA PSN Modifier: (INCLUDING
PAINT,LACQUER,ENAMEL,STAIN,SHELLAC,VARNISH,POLI

SH,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

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Detail AFI Information
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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

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HAZCOM Label
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Product ID: P-890 LACQUER NO. 37038
Cage: 0BDY9
Company Name: LENMAR, INC.
Street: 150 SOUTH CALVERTON ROAD
City: BALTIMORE MD
Zipcode: 2122

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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: INHALATION: ANESTHETIC. IRRITATION RESPIRATORY TRACT OR
ACUTE NERVOUS SYSTEM DEPRESSION CHARACTERIZED BY HEADACHE, DIZZINESS,
STAGGERING GAIT, CONFUSION, UNCONSCIOUSNESS OR COMA. SKIN OR EYE CONTACT:
PRIMARY IRRITANT.
OVEREXPOSURE TO THIS MATERIAL (OR ITS COMPONENTS) HAS
APPARENTLY BEEN FOUND

TO CAUSE FOLLOWING EFFECTS IN LAB ANIMALS: LIVER
ABNORMALITIES, KIDNEY & LUNG DAMAGE SPLEEN DAMAGE. HUMANS: LIVER
ABNORMALITIES.

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