

LENMAR INC -- P-926 LACQUER RED 11136 GLOSS

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MSDS Safety Information  
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FSC: 8010  
NIIN: 00-551-7932  
MSDS Date: 01/01/1993  
MSDS Num: BRKFX  
Product ID: P-926 LACQUER RED 11136 GLOSS  
MFN: 01  
Responsible Party  
Cage: 0BDY9  
Name: LENMAR INC  
Address: 150 S CALVERTON RD  
City: BALTIMORE MD 21223  
In  
fo 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: LACQUER  
Specification Number: MIL-L-19537C  
Type of Container: METAL

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Ingredients  
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Cas: 123-86-4  
RTECS #: AF7350000  
Name: N-BUTYL ACETATE (BUTYL ESTER, ACETIC ACID) (VAPOR PRESSURE 8 MM HG @ 20C)  
% Wt: 2-12  
Other REC Limits: NONE SPECIFIED  
OSHA PEL: 150 PPM  
ACGIH TLV: 150 PPM  
EPA Rpt Qty: 5000 LBS  
DOT Rpt Qty: 5000 LBS

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Cas: 78-93-3  
RTECS #: EL6475000  
Name:

e: METHYL ETHYL KETONE (2-BUTANONE) (VAPOR PRESSURE 18 MM HG @ 20C) (SARA 313)

% Wt: 4-14

Other REC Limits: NONE SPECIFIED

OSHA PEL: 100 PPM

ACGIH TLV: 50 PPM

EPA Rpt Qty: 5000 LBS

DOT Rpt Qty: 5000 LBS

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Cas: 108-88-3

RTECS #: XS5250000

Name: TOLUENE (SARA 313) (VAPOR PRESSURE 22 MM HG @ 20C) (METHYLBENZENE)

% Wt: 23-33

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

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Cas: 64-17-5

RTECS #: KQ6300000

Name: ETHANOL (VAPOR PRESSURE 43.9 MM HG @ 20C)

% Wt: 1-11

Other REC Limits: NONE SPECIFIED

OSHA PEL: 1000 PPM

ACGIH TLV: 1000 PPM

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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: 1-9

Other REC Limits: NONE SPECIFIED

OSHA PEL: NONE ESTABLISHED

ACGIH TLV: NONE ESTABLISHED

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Cas: 67-63-0

RTECS #:

NT8050000

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

% Wt: 1-8

Other REC Limits: NONE SPECIFIED

OSHA PEL: 400 PPM

ACGIH TLV: 400 PPM

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Cas: 110-19-0

RTECS #: AI4025000

Name: ISOBUTYL ACETATE (2-METHYLETHYL ESTER, ACETIC ACID) (VAPOR PRESSURE 13 MM HG @ 20C)

% Wt: 1-7

Other REC Limits: NONE SPECIFIED

OSHA PEL: 150 PPM

ACGIH TLV: 150 PPM

EPA Rpt Qty: 5000 LBS

DOT Rpt Qty: 5000 LBS

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Cas: 9004-70-0

RTECS #: W

G2934500

Name: NITROCELLULOSE

% Wt: 1-11

Other REC Limits: NONE SPECIFIED

OSHA PEL: NONE ESTABLISHED

ACGIH TLV: NONE ESTABLISHED

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Cas: 117-81-7

RTECS #: T10350000

Name: DIOCTYL PHTHALATE

% Wt: 1-8

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: 12656-85-8

RTECS #: QA4600000

Name: MOLYBDATE ORANGE LEAD PIGMENT: AS RECEIVED

% Wt: 2.21

Other REC Limits: N

ONE SPECIFIED

OSHA PEL: NOT ESTABLISHED

ACGIH TLV: NOT ESTABLISHED

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Cas: 7440-47-3

RTECS #: GB4200000

Name: TOTAL CHROMIUM AS CR-03

% Wt: 22

Other REC Limits: NONE SPECIFIED

OSHA PEL: NOT ESTABLISHED

ACGIH TLV: NOT ESTABLISHED

EPA Rpt Qty: 1 LB

DOT Rpt Qty: 1 LB

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Cas: 12656-85-8

RTECS #: QA4660000

Name: TOTAL LEAD AS PB

% Wt: 58.0

Other REC Limits: NONE SPECIFIED

OSHA PEL: NOT ESTABLISHED

ACGIH TLV: NOT ESTABLISHED

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Health Hazards Data  
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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: CONTAMINANTS

NS CHEMICAL(S) SUBJECT TO

REPORT.REQUIREMENTS SEC 313 OF TITLE III SUPERFUND AMEND/REAUTHOR ACT '86/40CFR.PART372

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 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 CONTAINERS TO OUTDOORS, OBSERVING PRECAUTIONS W/REGARD TO FIRE, SPARK & FLAME HAZARD. RUNOFF TO WATERWAY FIRE HAZARD; NOTIFY APPROPRIATE 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

Upper Limits: 4.3

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.

Unus

ual 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: 1

76 TO 302F

Vapor Density: &gt; AIR

Evaporation Rate & Reference: SLOWER THAN ETHER

Percent Volatiles by Volume: 77

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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 NITROGEN.

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: 76499

Product ID: P-926 LACQUER RED 11136 GLOSS

MSDS Prepara

red Date: 01/01/1993

Review Date: 07/26/1993

MFN: 1

Net Unit Weight: 8.07 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 P

ackaging 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

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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, L  
IQUID 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, 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

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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: (INCL

UDING 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-926 LACQUER RED 11136 GLOSS

Cage: 0BDY9

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: 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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and assume responsibility for the suitability of this inform



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particular situation regardless of similarity to a corresponding Department of Defense or other government situation.