

LENMAR, INC. -- P-929 LACQUER: ACRYLIC-NITROCELLULOSE GLOSS

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MSDS Safety Information  
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FSC: 8010  
NIIN: 00-551-7933  
MSDS Date: 01/01/1993  
MSDS Num: BRKFY  
Product ID: P-929 LACQUER: ACRYLIC-NITROCELLULOSE GLOSS  
MFN: 01  
Responsible Party  
Cage: HO782  
Name: LENMAR, INC.  
Address: 150 S. CALVERTON ROAD  
City: BA  
LTIMORE MD 21223  
Info Phone Number: 301-947-2300  
Emergency Phone Number: 301-358-5524  
Review Ind: Y  
Published: Y

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Contractor Summary  
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Cage: OBDY9  
Name: LENMAR, INC.  
Address: 150 SOUTH CALVERTON ROAD  
City: BALTIMORE MD 21223  
Phone: 410-947-2300/410-358-5524  
Cage: HO782  
Name: LENMAR, INC.  
Address: 150 S. CALVERTON ROAD  
City: BALTIMORE MD 21223  
Phone: 301-358-5524

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Item Description Information  
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Item Manager: GSA  
Item Name: LACQUER  
Specification Number: MIL-L-19537  
Unit of Issue: GL  
UI Container Qty: 4  
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: 1

3-23

Other REC Limits: NONE SPECIFIED

OSHA PEL: 200 PPM

ACGIH TLV: 200 PPM

EPA Rpt Qty: 5000 LBS

DOT Rpt Qty: 5000 LBS

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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: 9-19

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: 108-88-3

RTECS #: XS5250000

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

% Wt: 6-16

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: 108-65-6

RTECS #: AI8925000

Name: PROPYLENE GLYCOL METHYL ETHER ACETATE (VAPOR PRESSURE 3.7 MM HG @ 20C)

% 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) (SARA 313) (VAPOR PRESSURE 33 MM HG @ 20C)

% Wt: 1-9

Other REC Limits: NONE SPECIFIED

OSHA PEL: 400 PPM

ACGIH TLV: 400 PPM

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Cas: 71-36-3

RTECS #: EO1400000

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

% Wt: 1-8

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

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Cas: 13463-67-7

RTECS #: XR2275000

Name: TITANIUM DIOXIDE

% Wt: .5-1

its: NONE SPECIFIED  
OSHA PEL: 15 MG/M3 TDUST  
ACGIH TLV: 10 MG/M3 TDUST; 9293

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Cas: 117-81-7  
RTECS #: T10350000  
Name: DIOCTYL PHTHALATE (SARA 313)  
% Wt: 1-11  
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: 1-7  
Other REC Limits: NONE SPECIFIED  
OSHA PEL: NONE ESTABLISHED  
ACGIH TLV: NONE 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 DEPRESS CHARACT BY HEADACHE, DIZZINESS, STAGGERING GAIT, CONFUSION, UNCONSCIOUSNESS/COMA. SKIN/EYE: IRRITATION. EXPOSURE TO TITANIUM DIOXIDE DUST CAUSE TEMP DRYING EFFECT OR IRRITATION OF MUCOUS MEMBRANES MAY RESULT FROM EXCESSIVE EXPOSURE.

Explanation Of Carcinogenicity: CONTAINS 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 C

and Aggravated By Exposure: REPORTS HAVE ASSOCIATED REPEATED/PROLONGED OCCUPATIONAL EXPOSURE TO SOLVENTS W/PERMANENT BRAIN/NERVOUS SYSTEM DAMAGE. INTENTIONAL MISUSE DELIBERATELY CONCENT/INHALING MATERIAL MAY BE HARMFUL OR FATAL.

First Aid: INHALATION: REMOVE TO FRESH AIR. GIVE OXYGEN IF BREATHING IS DIFFICULT. CALL A PHYSICIAN. EYES: FLUSH IMMEDIATELY WITH COPIOUS QUANTITIES OF WATER FOR AT LEAST 15 MINUTES. SEE A PHYSICIAN FOR DEFINITIVE MEDICAL TREATMENT. SKIN: WASH AFFECTED AREAS WITH WATER. CONSULT A PHYSICIAN. INGESTION: CALL A PHYSICIAN OR PCC IMMED. 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: CNTNRS GRNDED WHEN POURING. NO FREE FALL OF LIQ IN EXCESS OF FEW INCHES. CLS CNTNR AFTER EA USE. DON'T TRANSFER TO UNLABELED CONTAINER. VENT AREA WELL.

Other Precautions: EMPTY CONTAINERS RETAIN RESID

UE (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 GOG  
GLES

Other Protective Equipment: NONE REQUIRED

Physical/Chemical Properties

HCC: F2

B.P. Text: 176 TO 302F

Vapor Density: > AIR

Evaporation Rate & Reference: SLOWER THAN ETHER

Percent Volatiles by Volume: 61.0

Reactivity Data

Stability Indicator: YES

Stability Condit

ion 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

Toxicological Information

Ecological Inform  
ation

MSDS Transport Information

Regulatory Information

Other Information

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Transportation Information  
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Responsible Party Cage: HO782  
Trans ID NO: 76505  
Product ID: P-929 LACQUER: ACRYLIC-NITROCELLULOSE GLOSS  
MSDS Prepared Date: 01/01/1993  
Review Date: 07/26/1993  
MFN: 1  
Net Unit Weight: 7.952 LB  
Multiple KIT Number: 0  
Review IND: Y  
Unit Of Issue: GL  
Container QTY: 4  
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 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, 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 Gu

ide 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:  
o: 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:  
ions: P5  
Back Pack Reference: A7.3

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HAZCOM Label  
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Product ID: P-929 LACQUER: ACRYLIC-NITROCELLULOSE GLOSS  
Cage: HO782  
Assigned IND: Y  
Company Name: LENMAR, INC.  
Street: 150 S. 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 Pre

cautions: INHALATION: ANESTHETIC. IRRITATION RESPIRATORY TRACT OR ACUTE NERVOUS SYSTEM DEPRESS CHARACT BY HEADACHE, DIZZINESS, STAGGERING GAIT, CONFUSION, UNCONSCIOUSNESS/COMA. SKIN/EYE: IRRITATION. EXPOSURE TI TIANIUM DIOXIDE DUST CAUSE TEMP DRYING EFFECT OR IRRITATION OF MUCOUS MEMBRANES MAY RESULT FROM EXCESSIVE EXPOSURE. OVEREXPOSURE TO THIS MATERIAL (OR ITS COMPONENTS) HAS APPARENTLY BEEN FOUND TO C AUSE FOLLOWING EFFECTS IN LAB ANIMALS: LIVER ABNORMALITIES, KIDNEY & LUN G DAMAGE SPLEEN DAMAGE. HUMANS: LIVER ABNORMALITIES.

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