

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

MSDS Safety Information

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: BALTIMORE MD 21223
Info Phone Number: 301-947-2300
Emergency Phone
Number: 301-358-5524
Review Ind: Y
Published: Y

Contractor Summary

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

Item Description Information

Item Manager: GSA
Item Name: LACQUER
Specification Number: MIL-L-19537
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) (VAPOR PRESSURE 70 MM HG @ 20C) (SARA 313)
% Wt: 13-23
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: 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

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

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

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

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

Cas: 13463-67-7
RTECS #: XR2275000
Name: TITANIUM DIOXIDE
% Wt: .5-1
Other REC Limits: NONE SPECIFIED
OSHA PEL: 15 MG/M3 TDUST
ACGIH TLV: 10 MG/M3

TDUST; 9293

Cas: 117-81-7

RTECS #: TI0350000

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

Cas: 9004-70-0

RTECS #: WG2934500

Name: NITROCELLULOSE

% Wt: 1-7

Other REC Limits: NONE SPECIFIED

OSHA PEL: NONE ESTABLISHED

ACGIH TLV: NONE ESTABLISHED

Health Haz

ards 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 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 Cond Aggravated By Exposure: REPORTS HAVE ASSOCIATED REPEATED/PROL

ONGED
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
R 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 Dis

posal 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 RESIDUE (LIQUID &/OR VAPOR) THUS
DANGEROUS. DON'T PRESSURIZE, CU
T, 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 INEF
FECTIVE, 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 APPR

OVED 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 302F
Vapor Density: > AIR
Evaporation Rate & Reference: SLOWER THAN ETHER
Percent Volatiles by Volume: 61.0

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Reactivity Data

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Stability Indicator: YES
Stability Condition To Avoid: TEMPERATURES IN EXCESS OF 150F IN CLOSED
CONTAINES
R. 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 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 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: (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-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 Precautions: 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 & LUNG DAMAGE SPLEEN DAMAGE. HUMANS: LIVER ABNORMALITIES.

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