

LENMAR, INC -- P-893 LACQUER, ACRYLIC NITROCELLULOSE GLOSS

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MSDS Safety Information  
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FSC: 8010  
NIIN: 00-527-2493  
MSDS Date: 06/22/1993  
MSDS Num: BRKFN  
Product ID: P-893 LACQUER, ACRYLIC NITROCELLULOSE GLOSS  
MFN: 01  
Responsible Party  
Cage: 36489  
Name: LENMAR, INC  
Address: 150 SOUTH CALVERTON ROAD  
City:  
BALTIMORE MD 21223  
Info Phone Number: 410-947-2300  
Emergency Phone Number: 410-358-5524 NIGHT/410-947-2300 DAY  
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  
Cage: 36489  
Name: LENMAR, INC  
Address: 150 SOUTH CALVERTON ROAD  
City: BALTIMORE MD 21223  
Phone: (301) 947-  
2300

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Item Description Information  
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Item Name: LACQUER  
Specification Number: MIL-L-19537  
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) (SARA III) (VAPOR PRESSURE 70 MM HG @  
20C)  
% Wt: 10-20  
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: 10-20  
Other REC Limits: NONE SPECIFIED  
OSHA PEL: 150 PPM/STEL 200 PPM  
ACGIH TLV: 150 PPM/STEL 200 PPM  
EPA Rpt Qty: 5000 LBS  
DOT Rpt Qty: 5000 LBS

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Cas: 108-88-3  
RTECS #: XS5250000  
Name: TOLUENE (METHYLBENZENE) (SARA III) (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

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Cas: 71-36-3  
RTECS #: EO1400000  
Name: BUTANOL (1-BUTANOL) (VAPOR PRESSURE 5.5 MM HG @ 20C)  
% 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

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Cas: 108-65-6  
RTECS #: AI8925000  
Name: PROPYLENE

GLYCOL METHYL ETHER ACETATE (1-METHOXY-2-ACETOXYPROPANE) (VAPOR PRESSURE 3.7 MM @ 20 C)

% Wt: &lt;1-5

Other REC Limits: NONE SPECIFIED

OSHA PEL: NOT ESTABLISHED

ACGIH TLV: NOT ESTABLISHED

Cas: 67-63-0

RTECS #: NT8050000

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

% Wt: &lt;1-5

Other REC Limits: NONE SPECIFIED

OSHA PEL: 400 PPM

ACGIH TLV: 400 PPM

Cas: 13463-67-7

RTECS #: XR2275000

Name: TITANIUM DIOXIDE

(HAZARD BASED ON EXPOSURE TO TITANIUM DIOXIDE DUST ONLY)

% Wt: 6-16

Other REC Limits: NONE SPECIFIED

OSHA PEL: 15 MG/M3 TDUST

ACGIH TLV: 10 MG/M3 TDUST; 9293

Cas: 9004-70-0

RTECS #: QW0970000

Name: NITROCELLULOSE

% Wt: 4-14

Other REC Limits: NONE SPECIFIED

OSHA PEL: NOT ESTABLISHED

ACGIH TLV: NOT ESTABLISHED

Cas: 117-81-7

RTECS #: TI0350000

Name: DIOCTYL PHTHALATE (SARA III)

% Wt: 2-12

Other REC Limits: NONE SPECIFIED

OSHA PEL: NOT E

STABLISHED

ACGIH TLV: NOT ESTABLISHED

EPA Rpt Qty: 100 LBS

DOT Rpt Qty: 100 LBS

Cas: 14807-96-6

RTECS #: WW2710000

Name: TALC

% Wt: 1-11

Other REC Limits: NONE SPECIFIED

OSHA PEL: NOT ESTABLISHED

ACGIH TLV: NOT ESTABLISHED

RTECS #: 9999999VO

Name: VOC: 5.173 LBS/GAL; 619.8 GRAMS/LITER

Other REC Limits: NONE SPECIFIED

Health Hazards Data

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Route Of Entry Inds - Inhalation: YES

Skin: YES

Ingestion: YES

Carcinogenicity Inds - NTP: YES

IARC: YES

Effects of Exposure: ACUTE;INHAL:ANESTHETIC, RESPRTRY TRACT IRRIT, ACUTE NERVOUS SYS DEPRESSN (HEADACHE,DIZZINESS,STAGGERING,CONFUSION, UNCONSCIOUSNESS,COMA). SKIN/EYE:PRIMARY IRRIT. TEMP DRYING EFFECT/MUCOUS MEMBRANE IRR IT. CARDIAC EFFECTS. LIVER ABNORMALITIES. ANIMAL STUDY: CARDIAC SENSITIZATN (HYPOXIA), LIVER, KIDNEY, LUNG, SPLEEN DAMAG

Explanation Of Carcinogenicity

: DIOCTYL PHTHALATE LISTED CARCINOGEN/ POTENTIAL CARCINOGEN BY NTP & IARC. TRACE AMTS OF CRYSTALLINE SILICA (IARC) IN TALC

Signs And Symptions Of Overexposure: CHRONIC; REPEATED/PROLONGED EXPOSURE: PERMANENT BRAIN & NERVOUS SYSTEM DAMAGE. CONCENTRATING & INHALING MAT'L MAY BE HARMFUL/FATAL. TALCOSIS (PULMONARY FIBROSIS WHICH IN TURN MAY LEAD TO SEVERE & PERM ANENT DAMAGE TO LUNG).

Medical Cond Aggravated By Exposure: NONE KNOWN

First Aid: INHALATION: REMOVE TO FRESH AIR.

GIVE OXYGEN IF BREATHING DIFFICULT.

CALL PHYSICIAN. EYES: FLUSH IMMEDIATELY WITH RUNNING WATER FOR AT LEAST 15 MINUTES. SEE DR FOR DEFINITIVE MEDICAL TREATMENT. SKIN: WASH AREA PROMPTLY WITH WATER. REMOVE CONTAMINATED CLOTHING, WASH BEFORE REUSE. SEE DR. INGESTION: CALL DR OR POISON CONTROL CENTER IMMED. IF CONSCIOUS GIVE 1-2 GLASSES WATER. DONT INDUCE VOMITING.

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Handling and Disposal

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Spill Release Procedures: REMOVE IGNIT SOURCE. MOP UP SPILLS/ADD ABSORBENT. USE NON-SPARK TOOLS. USE VENT. MOVE LEAKING CONTAINERS OUTDOORS, OBSERVING PRECAUTIONS WITH REGARD TO FIRE, SPARK, FLAME HAZARD. RUNOFF TO WATERWAY CR EATES FIRE HZD. NOTIFY FIRE & HEALTH AGENCIES.

Waste Disposal Methods: RECLAIM MATERIAL, INCINERATE, OR USE SANITARY LANFILL METHOD OF DISPOSAL, IN ACCORDANCE WITH FEDERAL, STATE, AND LOCAL REGULATIONS. DO NOT INCINERATE CLOSED CONTAINERS. SEAL DRUM S TIGHTLY.

Handling And Storage Precautions: STORE IN VENTD WAREHOUSE. KEEP OUT OF SUNLIGHT/OTHER HEAT SOURCE. KEEP CNTNR CLOSED. NO SMOKING. DONT INGEST- HARMFUL/FATAL. GRND CNTNRS WHEN POURING.

Other Precautions: AVOID FREE FALL >FEW INCHES. CLOSE CNTNR AFTER USE. DONT TRANSFER TO BOTTLES/OTHER UNLABELED CNTNR. AVOID PROLONGD SKIN CONTACT/BREATHING VAPOR.EXTINUISH PILOT LIGHTS.USE NON SPARK TOOL/EXPLOSN PROOF EQUIP.DONT APPLY TO HOT SRFC.USE W/VENT.

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Fire and Explosion Hazard Information  
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Flash Point Method: TCC

Flash Point Text: 40.0F,4.4C

Lower Limits: 1.4

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

Fire Fighting Procedures: WATER MAY BE INEFFECTIVE, USE TO COOL FIRE EXPOSED  
CNTNRS (PREVENT EXPLOSION). AVOID EXPOSURE TO FUMES. IF EXPOSED GET IMMED MED  
AID. USE SCBA IN ENCLOSED AREAS

Unusual Fire/Explosion Hazard: TOX

IC GASES EVOLVED WHEN BURNING. KEEP CNTNRS

CLSD. KEEP FROM HEAT/IGNIT. CLSD CNTNR MAY EXPLODE W/HEAT. DONT APPLY TO HOT  
SRFCS. DONT STORE/MIX W/OXIDANTS.

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Control Measures  
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Respiratory Protection: OPEN AREAS, USE MECHANICAL FILTER RESPIRATOR (RMV SOLID  
PARTICLES). RESTRICTED VENT, USE CHEM/MECHAN FILTER (RMV PARTICLES &  
VAPOR). CONFINED AREAS, USE AIRLINE TYPE RESPIRATOR OR  
HOOD. WEAR NIOSH RSP

RTR DURING/AFTER APPLIC TILL BELOW TLV.

Ventilation: USE APPROVED SPRAY BOOTH. PROVIDE GENERAL DILUTION/LOCAL EXHAUST  
TO KEEP BELOW TLV.

Protective Gloves: REQUIRED FOR PROLONGED/REPEATED CONTACT

Eye Protection: SPLASH PROOF GOGGLES

Other Protective Equipment: NONE REQUIRED

Work Hygienic Practices: NONE REQUIRED

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Physical/Chemical Properties  
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HCC: F2

B.P. Text:

176 TO 318F

Vapor Density: > AIR

Evaporation Rate & Reference: SLOWER THAN ETHER

Percent Volatiles by Volume: 73

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Reactivity Data  
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Stability Indicator: YES

Stability Condition To Avoid: TEMPERATURES IN EXCESS OF 150 F 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  
NITROCELLULOSE

Hazardous Polymerization Indicator: NO

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

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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: 36489

Trans ID NO: 75042

Product ID: P-893 LACQUER, ACRYLIC NITROCELLULOSE GLOSS

MSDS Prepared Date: 06/22/1993

Review Date: 06/29/1993

MFN: 1

Net Unit Weight: 8.62 LBS

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 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 I

nformation

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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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HAZ

COM Label  
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Product ID: P-893 LACQUER, ACRYLIC NITROCELLULOSE GLOSS

Cage: 36489

Company Name: LENMAR, INC

Street: 150 SOUTH CALVERTON ROAD

City: BALTIMORE MD

Zipcode: 21223

Health Emergency Phone: 410-358-5524 NIGHT/410-947-2300 DAY

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: ACUTE;INHAL:ANESTHETIC, RESPRTRY TRACT IRRIT, ACUTE NERVOUS SYS DEPRESSN

(HEADACHE,DIZZINESS,STAGGERING,CONFUSION,UNCONSCIOUSNESS,COMA).

SKIN/EYE:PRIMARY IRRIT. TEMP DRYING EFFECT/MUCOUS MEMBRANE IRRIT. CARDIAC

EFFECTS. LIVER ABNORMALITIES. ANIMAL STUDY: CARDIAC SENSITIZATN (HYPOXIA),

LIVER, KIDNEY, LUNG, SPLEEN DAMAGECHRONIC; REPEATED/PROLONGED EXPOSURE:

PERMANENT BRAIN & NERVOUS SYSTEM DAMAGE. C ONCENTRATING & INHALING

MAT'L MAY BE HARMFUL/FATAL. TALCOSIS (PULMONARY FIBROSIS WHICH IN TURN MAY

LEAD TO SEVERE & PERMANENT DAMAGE TO LUNG).  
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