

LENMAR INC -- N-238 LACQUER, ACRYLIC-NITROCELLULOSE GLOSS

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MSDS Safety Information  
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FSC: 8010  
NIIN: 00-527-1508  
MSDS Date: 04/22/1993  
MSDS Num: BSFPG  
Product ID: N-238 LACQUER, ACRYLIC-NITROCELLULOSE GLOSS  
MFN: 01  
Responsible Party  
Cage: 0BDY9  
Name: LENMAR INC  
Address: 150 S CALVERTON RD  
City: BALTIMO  
RE 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 Manager: GSA  
Item Name: LACQUER  
Specification Number: MIL-L-19537C  
Unit of Issue: GL  
UI Container Qty: 4  
Type of Container: METAL

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Ingredients  
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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 HG @ 20C)  
% Wt: 28-38  
Other REC Limits: NONE SPECIFIED  
OSHA PEL: NOT ESTABLISHED  
ACGIH TLV: NOT ESTABLI

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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: 8-18

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: METHYL ETHYL KETONE (2-BUTANONE) (SARA III) (VAPOR PRESSURE 70 MM HG @ 20C)

% Wt: 8-18

Other REC Limits: NONE SPECIFIED

OSHA PEL: 200 PPM

ACGIH TLV: 200 PP

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EPA Rpt Qty: 5000 LBS

DOT Rpt Qty: 5000 LBS  
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Cas: 108-88-3

RTECS #: XS5250000

Name: TOLUENE (METHYLEBENZENE) (SARA III) (VAPOR PRESSURE 22 MM HG @ 20C)

% Wt: 5-15

Other REC Limits: NONE SPECIFIED

OSHA PEL: NOT ESTABLISHED

ACGIH TLV: 100 PPM

EPA Rpt Qty: 1000 LBS

DOT Rpt Qty: 1000 LBS  
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Cas: 67-63-0

RTECS #: NT8050000

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

% Wt: 1-10

Other REC Limits: NONE SPECIFIED

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SHA 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)  
% Wt: 1-8  
Other REC Limits: NONE SPECIFIED  
OSHA PEL: NOT ESTABLISHED  
ACGIH TLV: 50 PPM  
EPA Rpt Qty: 5000 LBS  
DOT Rpt Qty: 5000 LBS  
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Cas: 67-64-1  
RTECS #: AL3150000  
Name: ACETONE (2-PROPANONE) (SARA III) (VAPOR PRESSURE 180 MM HG @ 20C)  
% Wt: 1-6  
Other REC Limits: NONE SPECIFIED  
OSHA PEL: 1000 PPM  
ACGIH TLV: 75  
0 PPM  
EPA Rpt Qty: 5000 LBS  
DOT Rpt Qty: 5000 LBS  
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Cas: 9004-70-0  
RTECS #: QW0970000  
Name: NITROCELLULOSE  
% Wt: 1-10  
Other REC Limits: NONE SPECIFIED  
OSHA PEL: NOT ESTABLISHED  
ACGIH TLV: NOT ESTABLISHED  
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Cas: 117-81-7  
RTECS #: TI0350000  
Name: DIOCTYL PHTHALATE (SARA III)  
% 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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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: INHAL: ANESTHETIC. RESP TRACT IRRIT, ACUTE NERVOUS SYS  
DEPRESSN (HEADACHE,DIZZY,STAGGERING,CONFUSION,UNCONSCIOUS,COMA) . SKIN/EYE:  
PRIMARY IRRITANT. CARDIAC EFFECTS. ANIMAL STUDIES: CARDIAC SENSITIZAT ION  
(FATAL HEART RHYTHM CHANGES),HIGH FREQUENCY HEARING DEFICITS

. INTENTIONAL

ABUSE/MISUSE: MULTIPLE ORGAN DAMAGE/DEATH.

Explanation Of Carcinogenicity: DIOCTYL PHTHALATE LISTED AS A CARCINOGEN OR  
POTENTIAL CARCINOGEN FOR HAZARD COMMUNICATION PURPOSES BY NTP & IARC.

Signs And Symptions Of Overexposure: NOTE TO DR: IF >2.0 ML PER KG TOLUENE  
INGESTED & VOMITTING NOT OCCURRED. EMESIS SHOULD BE INDUCE WITH  
SUPERVISION. KEEP VICTIM'S HEAD BELOW HIPS TO PREVENT ASPIRATION. IF SYMPTOMS  
SUCH AS GAG REFLEX LOSS, CONVULSIONS OR UNCONSCIOUSNESS BE

FORE EMESIS,

GASTRIC LAVAGE USING CUFFED ENDOTRACHEAL TUBE SHOULD BE CONSIDERED.

Medical Cond Aggravated By Exposure: NONE KNOWN

First Aid: INHALATION: REMOVE TO FRESH AIR. GIVE OXYGEN IF BREATHING DIFFICULT.

CALL DR. EYES: FLUSH IMMEDIATELY WITH RUNNING WATER 15 MIN. SEE DR FOR  
DEFINITIVE MEDICAL TREATMENT. SKIN: WASH AFFECTED AREA PROMPTLY WITH WATER.

REMOVE CONTAMINATED CLOTHING & LAUNDER BEFORE REUSE. CONSULT DR.

INGESTION: CALL DR OR POISON CONTROL CENTER IMMEDIATELY. IF CONSC

IOUS, GIVE 1

- 2 GLASSES WATER. DON'T INDUCE VOMITING.

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Handling and Disposal  
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Spill Release Procedures: REMOVE IGNIT SOURCE. MOP UP SPILL/ADD ABSORBENT. USE  
NON-SPARK TOOLS. USE ADEQUATE VENT. MOVE LEAKING CONTAINERS OUTDOORS,  
OBSERVING PRECAUTIONS (FIRE, SPARKS & FLAME HAZARD). RUNOFF TO WATERWAYS  
CREATES FIRE HAZARDS; NOTIFY FIRE & HEALTH AUTHORITIES

Waste Disposal Me

thods: RECLAIM MAT'L, INCINERATE, USE SANITARY LANDFILL, IN

ACCORD W/FED, STATE & LOCAL REGS. DON'T INCINERATE CLOSED CONTAINERS.

SEAL DRUMS TIGHTLY. RETURN EMPTY DRUMS TO DRUM RECONDITIONER. DISPOSE CNTNRS  
IN SAFE MANNER. FOR TANKS SEE OSHA REGSANSI Z49.1

Handling And Storage Precautions: STORE IN VENTD WAREHOUSE OUT OF DIRECT

SUNLIGHT/HEAT SOURCE.KEEP CNTNR CLSD.NO SMOKE.DON'T INGEST.GROUND CNTNR WHEN  
POURING.AVOID FREE FALL >FEW INCH

Other Precautions: CLOSE CNTNR AFTER USE.

DON'T TRANSFER TO BOTTLES/ UNLABELED  
CNTNRS. AVOID PROLONGED SKIN CONTACT/BREATHING. EXTINGUISH PILOT LIGHTS. USE  
NON SPARK TOOLS/EXPLOSION PROOF EQUIP. DON'T PRESSURIZE,CUT, WE  
LD,BRAZE,DRILL,GRIND,EXPOSE TO HEAT/IGNI

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Fire and Explosion Hazard Information  
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Flash Point Method: SCC

Flash Point Text: 16.0F,-8.9C

Lower Limits: 1.4

Extinguishing Media: FOAM, ALCOHOL FOAM, CARBON DIO  
XIDE, DRY CHEMICAL, WATER  
FOG

Fire Fighting Procedures: WATER MAY BE INEFFECTIVE, USE WATER SPRAY TO COOL  
FIRE-EXPOSED CNTNRS TO RPEVENT EXPLOSION. AVOID EXPOSURE TO FUMES, IF EXPOSED  
GET MED AID. USE SCBA.

Unusual Fire/Explosion Hazard: TOXIC GASES. KEEP CNTNRS CLOSED. KEEP FROM  
HEAT/IGNITION SOURCES. CLOSED CNTNRS MAY EXPLODE W/HEAT. USE WATER TO COOL  
CLSD CNTNR. DON'T APPLY TO HOT SURFACES.

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Control Measures  
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Respiratory Protection: OPEN AREAS USE MECHAN FILTER RSPRTR (RMV SOLID AIRBORNE  
PARTICLES) DURING SPRAY APPLIC.IN RESTRICTED VENT USE CHEM/MECHAN FILTER (RMV  
PARTIC & VAPOR). CONFINED AREA, AIRLINE RESPIRATOR/HOOD. WEAR NIOS H  
RSPRTR DURING/AFTER APPLIC UNLESS >TLV

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

Protective Gloves: REQUIRED FOR PROLONGE/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: 133 TO 302F

Vapor Density: > AIR

Evaporation Rate & Reference: FASTER THAN ETHER

Percent Volatiles by Volume: 82

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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 NITROGEN

Hazardous Polymerization Indicator: NO

Conditions To Avoid Polymerization: TEMPERATURES IN EXCESS OF 150 F 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 Code: 0BDY9

Trans ID NO: 74935

Product ID: N-238 LACQUER, ACRYLIC-NITROCELLULOSE GLOSS

MSDS Prepared Date: 04/22/1993

Review Date: 06/23/1993

MFN: 1

Net Unit Weight: 7.76 LB

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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 LIQU

ID  
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,POL  
ISH,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: N-238 LACQUER, ACRYLIC-NITROCELLULOSE GLOSS  
Cage: 0BDY9  
Company Name: LENMAR, INC.  
Street: 150 SOUTH CALVERTON ROAD  
City: BALTI  
MORE MD  
Zipcode: 21223  
Health Emergency Phone: 301-323-4460 NIGHT/301-947-2300 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: INHAL: ANESTHETIC. RESP TRACT IRRIT, ACUTE NERVOUS SYS DEPRESSN (HEADACHE,DIZZY,STAGGERING,CONFUSION,UNCONSCIOUS,COMA). SKIN/EYE: PRIMARY IRRITANT. CARDIAC EFFECTS. ANIMAL STUDIES: CARDIAC SENSITIZATI ON (FATAL HEART RHYTHM CHANGES),HIGH FREQUENCY HEARING DEFICITS. INTENTIO NAL ABUSE/MISUSE: MULTIPLE ORGAN DAMAGE/DEATH. NOTE TO DR: IF >2.0 ML PER KG TOLUENE INGESTED & VOMITTING NOT OCCURRED. EMESIS SHOULD BE INDUCE WITH SUPERVISION. KEEP VICTIM'S HEAD BELOW HIPS TO PREVENT ASPIRATION. IF SYMPTOMS SUCH AS GAG REFLEX LOSS, CONVULSIONS OR UNCONSCIOUSNESS BEFORE EMESIS, GASTRIC LAVAGE USING CUFFED E NDOTRACEAL TUBE SHOULD BE CONSIDERED.

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