

LENMAR INC -- P-615 TT-L-20A LACQUER CAMOUFLAGE 37875

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MSDS Safety Information
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FSC: 8010
NIIN: 00-530-5326
MSDS Date: 01/01/1993
MSDS Num: BWSFK
Product ID: P-615 TT-L-20A LACQUER CAMOUFLAGE 37875
MFN: 01
Responsible Party
Cage: 0BDY9
Name: LENMAR INC
Address: 150 SOUTH CALVERTON ROAD
City: BALTI
MORE MD 21223
Info Phone Number: 401-947-2300
Emergency Phone Number: 401-358-5542/401-947-2300
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-6805
Type/Grade/Class: NONE
Unit of Issue: GL
UI Container Qty: 4

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Ingredients
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Cas: 108-88-3
RTECS #: XS5250000
Name: TOLUENE (METHYLBENZENE) (SARA III) (CERCLA) (VAPOR PRESSURE 22 MM HG @ 20C)
% Wt: 23-33
Other REC Limits: NONE RECOMMENDED
OSHA PEL: NOT ESTABLISHED
ACGIH TLV: 100 PPM
EPA Rpt Qty: 1

000 LBS
DOT Rpt Qty: 1000 LBS

Cas: 108-10-1
RTECS #: SA9275000
Name: METHYL ISOBUTYL KETONE (4-METHYL, 4-PENTANONE) (SARA 313) (CERCLA) (VAPOR PRESSURE 18 MM HG @ 20C)
% Wt: 7-17
Other REC Limits: NONE RECOMMENDED
OSHA PEL: 100 PPM
ACGIH TLV: 50 PPM
EPA Rpt Qty: 5000 LBS
DOT Rpt Qty: 5000 LBS

Cas: 78-93-3
RTECS #: EL6475000
Name: METHYL ETHYL KETONE (2-BUTANONE) (SARA 313) (CERCLA) (VAPOR PRESSURE 70 MM HG @ 20C)
% Wt: 0-10
Other
REC Limits: NONE RECOMMENDED
OSHA PEL: 200 PPM
ACGIH TLV: 200 PPM
EPA Rpt Qty: 5000 LBS
DOT Rpt Qty: 5000 LBS

Cas: 71-36-3
RTECS #: EO1400000
Name: BUTANOL (1-BUTANOL) (SARA 313) (CERCLA) (VAPOR PRESSURE 5.5 MM HG @ 20C)
% Wt: 0-10
Other REC Limits: NONE RECOMMENDED
OSHA PEL: NOT ESTABLISHED
ACGIH TLV: 50 PPM
EPA Rpt Qty: 5000 LBS
DOT Rpt Qty: 5000 LBS

Cas: 67-63-0
RTECS #: NT8050000
Name: ISOPROPANOL (2-PROPANOL) (SARA III) (VAPOR PRESSURE 33 MM HG @ 20C)
% Wt: 0-9
Other REC Limits: NONE RECOMMENDED
OSHA PEL: 400 PPM
ACGIH TLV: 400 PPM

Cas: 123-86-4
RTECS #: AF7350000
Name: N BUTYL ACETATE (BUTYL ESTER, ACETIC ACID) (CERCLA) (VAPOR PRESSURE 8 MM HG @ 20C)
% Wt: 0-3
Other REC Limits: NONE RECOMMENDED
OSHA PEL: 150 PPM
ACGIH TLV: 150 PPM
EPA Rpt Qty: 5000 LBS
DOT Rpt Qty: 5000 LBS

Cas: 117-81-7
RTECS #: TI0350000
Name: DIOCTYL PHTHALATE (SARA 313) (CERCLA)

0-9
Other REC Limits: NONE RECOMMENDED
OSHA PEL: NOT ESTABLISHED
ACGIH TLV: NOT ESTABLISHED
EPA Rpt Qty: 100 LBS
DOT Rpt Qty: 100 LBS

Cas: 9004-70-0
RTECS #: QW0970000
Name: NITROCELLULOSE
% Wt: 5-15
Other REC Limits: NONE RECOMMENDED
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
Carcinogenicity Inds - NTP: YES
IARC: YES
Effects of Exposure: INHALATION:ANESTHETIC.RESP TRACT IRRIT, ACUTE NERVOUS SYSTEM DEPRESSION
(HEADACHE,DIZZINESS,STAGGERING,CONFUSION,UNCONSCIOUS,COMA).

SKIN/EYE:PRIMARY IRRITANT. REPORTS ASSOCIATE REPEATED & PROLONGED OC
CUPATIONAL EXPOSURE TO SOLVENTS WITH PERMANENT BRAIN & NERVOUS SYSTEM
DAMAGE. CONCENTRATING & INHALING IS HARMFUL/FATAL.

Explanation Of Carcinogenicity: DIOCTYL PHTHALATE IS AN ANIMAL CARCINOGEN, IT
MUST BE CONSIDERED POTENTIALLY CARCINOGENIC TO HUMANS.

Signs And Symptoms Of Overexposure: CARDIAC SENSITIZATION. MAY CAUSE FATAL
CHANGES IN HEART RHYTHMS. HEARING DEFICIT. LIVER ABNORMALITIES. ANIMAL
STUDIES: LIVER ABNORMALITIES, KIDNEY, LUNG, SPLEEN DAMAGE.

Medical Cond Aggravated By Exposure: NONE

First Aid: INHALATION: REMOVE TO FRESH AIR. GIVE OXYGEN IF BREATHING DIFFICULT.
CALL PHYSICIAN. SPLASH (EYE): FLUSH IMMEDIATELY WITH RUNNING WATER 15 MIN. SEE
PHYSICIAN FOR DEFINITIVE MED TREATMENT. SPLASH (SKIN):
WASH PROMPTLY

W/WATER. REMOVE CONTAMINATED CLOTHING & LAUNDRY BEFORE REUSE. CONSULT DR.
INGESTION: CALL DR OR POISON CONTROL CENTER IMMEDIATELY. IF CONSCIOUS GIVE
1-2 GLASSES WATER. DO NOT INDUCE VOMITING.

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Handling and Disposal
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Spill Release Procedures: REMOVE IGNIT SOURCES. MOP UP SPILLS/ADD ABSORBENT.
USE NON-SPARK TOOLS. USE ADEQUATE VENT.MOVE LEAKING CONTAINERS
OUT

OORS,OBSERVING PRECAUTIONS W/REGARD TO FIRE,SPARK,FLAME HAZARD.RUNOFF TO WATERWAY CREATES FIRE HAZARDS;NOTIFY FIRE & HEALTH AGENCIES
Waste Disposal Methods: RECLAIM MATERIAL, INCINERATE, OR USE SANITARY LANDFILL METHOD OF DISPOSAL. IN ACCORDANCE WITH FEDERAL, STATE, AND LOCAL REGULATIONS. DO NOT INCINERATE CLOSED CONTAINERS. SEAL DRUMS TIGHTLY.
Handling And Storage Precautions: STORE IN VENTED WAREHOUSE. KEEP OUT OF DIRECT SUNLIGHT OR OTHER HEAT SOURCE. KEEP CONTAINER CLOSED. NO SMO KING. DON'T INGEST (HARMFUL/FATAL).
Other Precautions: GROUND CONTAINERS WHEN POURING.AVOID LIQ FREE FALL >INCHES.CLOSE CNTNR AFTER USE.DON'T TRANSFER TO UNLABELED CONTAINER/BOTTLES.AVOID SKIN CONTACT/BREATHING VAPOR/SPRAY MIST. EXTINGUISH PILOT LIGHTS. U SE NON-SPARKING TOOLS & EXPLOSION PROOF#

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Fire and Explosion Hazard Information
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Flash Point Method: TCC

Flash Point T

ext: 21.0F,-6.1C

Lower Limits: 1.4

Upper Limits: 2.0

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

Fire Fighting Procedures: WATER MAY BE INEFFECTIVE,USE TO COOL FIRE-EXPOSED CLOSED CNTNR TO PREVENT EXPLOSION.AVOID UNNECESSARY EXPOSURE TO FUMES.TREAT PERSON EXPOSED TO FUMES.WEAR SCBA.

Unusual Fire/Explosion Hazard: TOXIC GAS EVOLVED W/BURNING.KEEP CNTNR CLOSED.KEEP FROM HEAT,ELECT EQUIP,STATIC.CLSD CNTNR MAY EXPLODE W/EXT HEAT.DON'T APPLY TO HOT SRFCs .DON'T MIX W/OXIDANTS.

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Control Measures
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Respiratory Protection: IN OPEN AREA,USE MECHAN FILTER RESP TO REMOVE SOLID AIRBORNE PARTICLES DURING SPRAY APPLICATN.RESTRICTD VENT,USE CHEM/MECHAN FILTER TO REMOVE PARTIC&VAPOR.IN CONFIND AREA,USE AIRLINE RESPRTR/HOOD.WEAR NIOSH RSPRTR DURING/AFTER APPLIC.

Ventilation: USE APPROVED SPRAY BOOTH. PROVIDE GENERAL DILUTION OR LOCAL EX

HAUST VENT IN VOLUME & PATTERN TO KEEP CONCENTRATION <TLV.

Protective Gloves: REQUIRED FOR PROLONGED/REPEATED CONTACT

Eye Protection: SPLASH PROOF GOGGLES

Other Protective Equipment: NONE REQUIRED

Work Hygienic Practices: NONE REQUIRED

Supplemental Safety and Health: # EQUIP.KEEP FROM HEAT,SPARKS,OPEN FLAME.DON'T APPLY TO HOT SRFCs. USE ONLY W/ADEQUATE VENT.EMPTY CNTNR RETAIN RESIDUE,CAN BE DANGEROUS.DON'T PRESSURIZE,CUT,WELD,BRAZE,SOLDER,DRILL,GRIND,EXPOSE TO HEAT,FLAME,SPARKS.DON

NOT ATTEMPT TO CLEAN SINCE RESIDUE DIFFICULT TO REMOVE. RETURN DRUM TO RECONDITIONER. SEE ANSI Z49.1.

Physical/Chemical Properties

HCC: F2
B.P. Text: 176 TO 259F
Vapor Density: > AIR
Evaporation Rate & Reference: SLOWER THAN ETHER
Percent Volatiles by Volume: 68

Reactivity Data

Stability Indicator: YES
Materials To Avoid: OXIDIZING AGENTS
Hazardous Decomposition Products: CARBON DIOXIDE, CARBON MONOXIDE & OXIDES OF NITROGEN
Hazardous Polymerization Indicator: NO

Toxicological Information

Ecological Information

MSDS Transport Information

Regulatory Information

Other Information

Transportation Information

Responsible Party Code: 0BDY9
Trans ID NO: 75388
Product ID: P-615 TT-L-20A LACQUER CAMOUFLAGE 37875
MSDS Prepared Date: 01/01/1993
Review Date: 03/14/1995
MFN: 1
Multiple KIT Number: 0
Review IND: Y
Unit Of Issue: GL
Container QTY: 4

Detail DOT Information

DOT PSN Code: LFD
DOT Proper Shipping Name: PAINT
DOT PSN Modifier: INCLUDING PAINT, LACQUER, ENAMEL, STAI

N, 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 PAI
NT 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-615 TT-L-20A LACQUER CAMOUFLAGE 37875

Cage: 0BDY9

Company Name: LENMAR, INC.

Street: 150 SOUTH CALVERTON ROAD

City: BALTIMORE MD

Zipcode: 21223

Health Emergency Phone: 401-358-5524 NIGHT/401-947-2300 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: INHALATION:ANESTHETIC.RESP TRACT IRRIT, ACUTE NERVOUS SYSTEM DEPRESSION (HEADACHE,DIZZINESS,STAGGERING,CONFUSION,UNCONSCIOUS,COMA).

SKIN/EYE:PRIMARY IRRITANT. REPORTS ASSOCIATE REPEATED & PROLONGED OCCUPATIONAL EXPOSURE TO SOLVENTS WITH PERMANENT BRAIN & NERVOUS SYSTEM DAMAGE. CONCENTRATING & INHALING IS HARMFUL/FATAL.CARDIAC SENSITIZATION. MAY CAUSE FATAL CHANGES IN HEART RHYTHMS. HEARING DEFICIT . LIVER ABNORMALITIES. ANIMAL STUDIES: LIVER ABNORMALITIES, KIDNEY, LUNG, SPLEEN DAMAGE.

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