

LENMAR INC -- P-458 BLACK TT-L-20A LACQUER CAMOUFLAGE

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MSDS Safety Information
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FSC: 8010
NIIN: 00-664-7651
MSDS Date: 01/01/1993
MSDS Num: BWSFP
Product ID: P-458 BLACK TT-L-20A LACQUER CAMOUFLAGE
MFN: 01
Responsible Party
Cage: 0BDY9
Name: LENMAR INC
Address: 150 S CALVERTON RD
City: BALTIMORE M
D 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
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: 24-34
Other REC Limits: NONE RECOMMENDED
OSHA PEL: NOT ESTABLISHED
ACGIH TLV: 100 PPM
EPA Rpt Qty: 1000 LBS
DOT Rpt Qty: 1000 LBS

Cas: 123-86-4

RTECS #: AF7350000

Name: N BUTYL ACETATE (BUTYL ESTER, ACETIC ACID) (CERCLA) (VAPOR PRESSURE 8 MM HG @ 20C)

% Wt: 9-19

Other REC Limits: NONE RECOMMENDED

OSHA PEL: 150 PPM

ACGIH TLV: 150 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: 5-15

Other REC Limits: NONE RECOMMENDED

OSHA PEL: 200 PPM

ACGIH TLV: 200 PPM

EPA Rpt Qty: 5000 LBS

DO

T Rpt Qty: 5000 LBS

Cas: 67-63-0

RTECS #: NT8050000

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

% Wt: 3-13

Other REC Limits: NONE RECOMMENDED

OSHA PEL: 400 PPM

ACGIH TLV: 400 PPM

Cas: 71-36-3

RTECS #: EO1400000

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

% Wt: 1-7

Other REC Limits: NONE RECOMMENDED

OSHA PEL: NOT ESTABLISHED

ACGIH TLV: 50 PPM

EPA Rpt Qty: 5000 LBS

DOT Rpt

Qty: 5000 LBS

Cas: 117-81-7

RTECS #: TI0350000

Name: DIOCTYL PHTHALATE (SARA 313) (CERCLA)

% Wt: 1-8

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: 1-10

Other REC Limits: NONE RECOMMENDED

OSHA PEL: NOT ESTABLISHED

ACGIH TLV: NOT ESTABLISHED

#: MW2700000

Name: TALC (HAZARD BASED ON EXPOSURE TO TITANIUM DIOXIDE DUST ONLY)

% Wt: 5-15

Other REC Limits: NONE RECOMMENDED

OSHA PEL: NOT ESTABLISHED

ACGIH TLV: NOT ESTABLISHED

RTECS #: 9999999VO

Name: VOC: 5.405 LBS/GAL; 647.6 GRAMS/LITRE

Other REC Limits: NONE RECOMMENDED

Health Hazards Data

Route Of Entry Inds - Inhalation: YES

Skin: YES

Carcinogen

icity 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 OCCUPATIONAL 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 Symptions Of Overexposure: CARDIAC SENSITIZATION. MAY CAUSE FATAL CHANGES IN HEART RHYTHMS. TALCOSIS, PULMONARY FIBROSIS MAY LEAD TO SEVERE & PERMANENT DAMAGE TO LUNG.

Medical Cond Aggravated By Exposure: NONE

First Aid: INHAL: REMOVE TO FRESH AIR. GIVE OXYGEN IF BREATHING DIFFICULT. CALL DR. SPLASH (EYES): FLUSH IMMEDIATELY WITH RUNNING WATER AT LEAST 15 MINUTES. SEE PHYSICIAN FOR DEFINITIVE MEDICAL TREATMENT. SPLASH (SKIN): WASH PROMPTLY WITH WATER. REMOVE CONTAMINATED CLOTHING & LAUNDER BEFORE REUSE. SEE DR. INGESTION: CALL DR/POISON CONTROL CTR IMMED. IF CONSCIOUS GIVE 1-2 GLASSES WATER. DO NOT INDUCE VOMITING

Handling and Disposal

Spill Release Procedures: REMOVE IGNIT SOURCES.MOP UP SPILLS/ADD ABSORBENT.USE NON-SPARK TOOLS.USE ADEQUATE VENT.MOVE LEAKING CONTAINERS OUTDOORS,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 SMOKING. 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. USE NON-SPARKING TOOLS & EXPLOSION PROOF#

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Fire and Explosion Hazard Information

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Flash Point Method: SCC
Flash Point Text: 41.0F, 5.0C
Lower Limits: 1.4

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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 SURFCS. 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 APPLICATION. RESTRICTED VENT, USE CHEM/MECHAN
FILTER TO REMOVE PARTICLES & VAPOR. IN CONFINED AREA, USE AIRLINE
RESPIRATOR/HOOD. WEAR NIOSH RESPIRATOR DURING/AFTER APPLICATION.

Ventilation: USE APPROVED SPRAY BOOTH. PROVIDE GENERAL DILUTION OR LOCAL
EXHAUST 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 SURFCS. 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'T ATTEMPT TO CLEAN SINCE RESIDUE DIFFICULT TO
REMOVE. RETURN

RN DRUM TO RECONDITIONER.SEE ANSI Z49.1.

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Physical/Chemical Properties
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HCC: F2
B.P. Text: 176 TO 259F
Vapor Density: > AIR
Evaporation Rate & Reference: SLOWER THAN ETHER
Percent Volatiles by Volume: 77
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Reactivity Data
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Stability Indicator: YES
Materials To Avoid: OXID
IZING 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: 0BDY9
Trans I
D NO: 81632
Product ID: P-458 BLACK TT-L-20A LACQUER CAMOUFLAGE
MSDS Prepared Date: 01/01/1993
Review Date: 03/15/1995
MFN: 1
Multiple KIT Number: 0
Review IND: Y
Unit Of Issue: GL
Container QTY: 4
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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 Na

me: 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-458 BLACK TT-L-20A LACQUER
CAMOUFLAGE

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 REP

EATED & PROLONGED O

CCUPATIONAL EXPOSURE TO SOLVENTS WITH PERMANENT BRAIN & NERVOUS SYSTEM
DAMAGE. CONCENTRATING & INHALING IS HARMFUL/FATALCARDIAC SENSITIZATION.
MAY CAUSE FATAL CHANGES IN HEART RHYTHMS. TALCOSIS, PULMO NARY FIBROSIS MAY
LEAD TO SEVERE & PERMANENT DAMAGE TO LUNG.

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