

LENMAR, INC -- P-756 TT-L-32A LACQUER CELLULOSE NITRATE GLOS

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MSDS Safety Information
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FSC: 8010
NIIN: 00-242-6315
MSDS Date: 11/20/1993
MSDS Num: BWSDP
Product ID: P-756 TT-L-32A LACQUER CELLULOSE NITRATE GLOSS WHITE
MFN: 01
Responsible Party
Cage: 36489
Name: LENMAR, INC
Address: 150 SOUTH CALVERTON RO
AD
City: BALTIMORE MD 21223
Info Phone Number: 401-947-2300
Emergency Phone Number: 401-358-5524 NIGHT/401-947-2300 DAY
Review Ind: Y
Published: Y

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Contractor Summary
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Cage: OBDY9
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 Manager: GSA
Item Name: LACQUER
Unit of Issue: GL
UI Container Qty: 4

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Ingredients
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Cas: 123-86-4
RTECS #: AF7350000
Name: N BUTYL ACETATE (BUTYL ESTER, ACETIC ACID) (CERCLA) (VAPOR PRESSURE 8 MM
HG @ 20C)
% Wt: 7-17
Other REC

Limits: NONE RECOMMENDED

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 (METHYLBENZENE) (SARA III) (CERCLA) (VAPOR PRESSURE 22 MM HG @ 20C)

% Wt: 6-16

Other REC Limits: NONE RECOMMENDED

OSHA PEL: NOT ESTABLISHED

ACGIH TLV: 100 PPM

EPA Rpt Qty: 1000 LBS

DOT Rpt Qty: 1000 LBS

Cas: 67-63-0

RTECS #: NT8050000

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

% Wt: 5-15

Other REC Limits: NONE RECOMMENDED

OSHA PEL: 400 PPM

ACGIH TLV: 400 PPM

Cas: 67-64-1

RTECS #: AL3150000

Name: ACETONE (2-PROPANONE) (SARA 313) (CERCLA) (VAPOR PRESSURE 180 MM HG @ 20C)

% Wt: 4-14

Other REC Limits: NONE RECOMMENDED

OSHA PEL: 1000 PPM

ACGIH TLV: 750 PPM

EPA Rpt Qty: 5000 LBS

DOT Rpt Qty: 5000 LBS

Cas: 8030-30-6

RTECS #: DE3030000

Name: VM&P NAPHTHA (SOLVENT NAPHTHA, PETROLEUM,

LIGHT ALIPH) (VAPOR
PRESSURE 15 MM HG @ 20C)

% Wt: 3-13

Other REC Limits: NONE RECOMMENDED

OSHA PEL: NOT ESTABLISHED

ACGIH TLV: 300 PPM

Cas: 142-82-5

RTECS #: MI7700000

Name: HEPTANE (HEPTANE) (VAPOR PRESSURE 35.5 MM HG @ 20C)

% Wt: 1-9

Other REC Limits: NONE RECOMMENDED

OSHA PEL: 500 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: 3-13

Other REC Limits: NONE RECOMMENDED

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HA PEL: NOT ESTABLISHED
ACGIH TLV: NOT ESTABLISHED

Cas: 13463-67-7
RTECS #: XR2275000
Name: TITANIUM DIOXIDE (HAZARD BASED ON EXPOSURE TO TITANIUM DIOXIDE DUST ONLY)
% Wt: 7-17
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: INHAL: ANESTHETIC. RESP TRACT IRRITATION OR ACUTE NERVOUS SYSTEM DEPRESSION (HEADACHE, DIZZY, STAGGER, CONFUSION, UNCONSCIOUS, COMA). SKIN OR EYE CONTACT: PRIMARY IRRITANT. REPORTS HAVE ASSOCIATED REPEATED & PROLONGED OCCUPATIONAL EXPOSURE TO SOLVENTS W/PERMANENT BRAIN & NERVOUS SYSTEM DAMAGE. CONC & INHALING-HARMFUL/FATAL.*
Explanation Of Carcinogenicity: DIOCTYL PHTHALATE IS AN ANIMAL CARCINOGEN AND MUST BE CONSIDERED POTENTIALLY CARCINOGENIC TO HUMANS.
Signs And Symptoms Of Overexposure: * EXPOSURE TO TITANIUM DIOXIDE DUST CAN CAUSE TEMPORARY DRYING EFFECTS OR MUCOUS MEMEBRAN IRRIT. CARDIAC EFFECTS IN HUMANS, LIVER ABNORMALITIES. ANIMAL: CARDIAC SENSITIZATION (FATAL CHANGES IN HEART RH YTHMS), HEARING DEFICITS. LIVER ABNORMALIATIES. 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 (EYES): FLUSH IMMED W/RUNNING WATER 15 MIN. SEE DR FOR DEFINITIVE MEDICAL TREATMENT. SPLASH (SKIN): WASH PRO MPTLY W/WATER. REMOVE CONTAMINATED CLOTHING & LAUNDRER BEFORE REUSE. CALL PHYSICIAN. INGESTION: CALL PHYSICIAN OR POISON CONTROL CENTER IMMED. IF CONSCIOUS GIVE 1-2 GLASSES WATER. DON'T INDUCE VOMITING

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Handling and Disposal
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Spill Release Proced

ures: REMOVE IGNITION SOURCES. MOP UP SPILLS/ADD ABSORBENT.
USE NON-SPARKING TOOLS. USE W/ADEQUATE VENT. MOVE LEAKING CONTAINERS
OUTDOORS, OBSERVING PRECAUTIONS WITH HAZARD TO FIRE, SPARKS & FLAME
HAZARD. R UNOFF TO WATERWAY CREATES FIRE HAZARD:NOTIFY **
Neutralizing Agent: N/K ** FIRE AND 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 CL
USED CONTAINERS. SEAL DRUMS TIGHTLY.
Handling And Storage Precautions: STORE IN VENTED WAREHOUSE. KEEP OUT OF DIRECT
SUNLIGHT/OTHER HEAT SOURCE. KEEP CONTAINERS CLOSED. NO SMOKING. DON'T INGEST
(HARMFUL/FATAL).
Other Precautions: GROUND CNTNR WHEN POURING.AVOID LIQ FREE FALL
>INCHES.CLOSE CNTNR AFTER USE.DON'T TRANSFR CONTENTS TO UNLABELED
CNTNR.AVOID SKIN CONTACT/BREATHING VAPOR/SPRAY MIST.EXTINGUISH PILOT
LIGHT.USE NON-SPARK TOOLS & EXPLOSION-PROOF EQUIP. #

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Fire and Explosion Hazard Information

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Flash Point Method: SCC

Flash Point Text: 0F,-18C

Lower Limits: 1.0

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

Fire Fighting Procedures: WATER MAY BE INEFFECTIVE,USE TO COOL FIRE EXPOSED
CNTNR.AVOID UNNEEDED EXPOSURE TO FUMES.PERSON EXPOSED TO FUMES SHOULD GET
IMMED MED AID.USE SCBA IF ENCLOSED.

Unusual Fire/Explosion Haza

rd: TOXIC GASES EVOLVED WHEN BURNING.KEEP CNTNR

CLSD.KEEP FROM HEAT,ELEC EQUIP,OPEN FLAME,STATIC ELEC.CLSD CNTNR MAY EXPLODE
W/HEAT.DON'T APPLY TO HOT SURFACES.

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Control Measures

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Respiratory Protection: IN OPEN AREA, USE MECHANICAL FILTER RESPIRATOR (REMOVE
PARTICLES). IN RESTRICTED VENT, CHEMICAL/MECHANICAL FILTERS (PARTICLES &
VAPOR). IN CONFINED, AIRLINE RSPRTR OR HOODS.

WEAR FITTED, NIOSH RESPIRA TOR
DURING/AFTER APPLIC UNLESS <TLV/PEL.

Ventilation: USE APPROVED SPRAY BOOTH. GENERAL DILUTION/LOCAL EXHAUST TO KEEP
CONCENTRATIONS OF HAZARDOUS INGREDIENTS BELOW 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: # KEEP FROM HEAT/IGNIT SOURCE.DON'T APPLY TO
HOT SRFC.USE ONLY W/VENT.EMTPY CNTNR RE

TAIN RESIDUE,CAN BE DANGEROUS.DON'T
PRESSURIZE,CUT,BRAZE,WELD,SOLDER,DRILL,GRIND,ETC SUCH CNTNRS.DON'T ATTEMPT TO
CLEAN RESIDUE (DIFFICULT TO REMOVE).RETURN TO DRUM RECONDITIONER.DISPOSE IN
ACCORD W/FED,STATE,LOCAL REGS.SEE ANSI Z49.1

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Physical/Chemical Properties
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HCC: F2
B.P. Text: 133 TO 399F
Vapor Density: > AIR
Evaporation Rate & Reference: SLOWER THAN ETHER
Percent Volatiles by Volume: 75

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Reactivity Data
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Stability Indicator: YES
Stability Condition To Avoid: TEMPERATURES IN EXCESS OF 150F IN CLOSED
CONTAINER. EXPOSURE TO HEAT, SPARKS, OPEN FLAME & 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 Cage: 36489
Trans ID NO: 59967
Prod

uct ID: P-756 TT-L-32A LACQUER CELLULOSE NITRATE GLOSS WHITE

MSDS Prepared Date: 11/20/1993

Review Date: 03/14/1995

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 LIQ

UID 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 Shi

pping 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-756 TT-L-32A LACQUER CELLULOSE
NITRATE GLOSS WHITE
Cage: 36489
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: INHAL: ANESTHETIC. RESP TRACT IRRITATION OR ACUTE
NERVOUS SYSTEM DEPRESSION
(HEADACHE,DIZZY,STAGGER,CONFUSION,UNCONSCIOUS,COMA). SKIN OR EYE CONTACT:
PRIMARY IRRITANT. REP

ORTS HAVE ASSOCIATED REPEATED & PROLONGED
OCCUPATIONAL EXPOSURE TO SOLVENTS W/PERMANENT BRAIN & NERVOUS SYSTEM
DAMAGE.CONC & INHALING-HARMFUL/FATAL.** EXPOSURE TO TITANIUM DIOXIDE DUST
CAN CAUSE TEMPORARY DRYING EFFECTS OR MUCOUS MEMEBRAN IRRIT.CARDIAC EFFECTS
IN HUMANS, LIVER ABNORMALITIES. ANIMAL: CARDIACSENSITIZATION (FATAL CHANGES
IN HEART RHYTHMS), HEARING DEFICITS. LIVER ABNORMALIATIES. ANIMAL STUDIES:
LIVER ABNORMALITI ES, KIDNEY, LUNG, SPLEEN DAMAGE.

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