

MSDS Safety Information

FSC: 8010
NIIN: 00-257-5377
MSDS Date: 11/20/1993
MSDS Num: BWSDW
Product ID: P-756 TT-L-32A LACQUER CELLULOSE NITRATE, GLOSS WHITE
MFN: 01
Responsible Party
Cage: OBDY9
Name: LENMAR INC
Address: 150 S CALVERTON RD
City: BALTIMORE MD 21223
Info Phone Number: 410-947-2300
Emergency P
hone Number: 410-947-2300
Review Ind: Y
Published: Y

Contractor Summary

Cage: OBDY9
Name: LENMAR, INC.
Address: 150 SOUTH CALVERTON ROAD
City: BALTIMORE MD 21223
Phone: 410-947-2300/410-358-5524

Item Description Information

Item Manager: GSA
Item Name: LACQUER
Unit of Issu
e: QT
UI Container Qty: B

Ingredients

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) (SAR

A 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) (SAR A 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

Na

me: 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

OSHA 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 IRR

ITANT. 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 Symptions Of Overexposure: * EXPOSURE TO TITANIUM DIOXIDE DUST CAN
CAUSE TEMPORARY DRYING EFFECTS OR MUCOUS MEMEBRANE IRRITATION. CARDIAC
EFFECTS IN HUMANS, LIVER ABNORMALITI

ES. ANIMAL: CARDIAC SENSITIZATION (FATAL
CHANGES IN H EART RHYTHMS), 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 &; LAUNDER BEF

ORE 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 Procedures: 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 CLOSED CONTAINERS. SEAL DRUMS TIGHTLY.

Handling And Storage Precautions: STORE IN VENTED WAREHOUSE. KEP 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 TRANSFER CONTENTS TO UNLABELED CNTNR. AVOID SKIN
CONTACT/BREATHING VAPOR/SPRAY MIST. EXTINGUISH PILOT LIGHT. USE NO N-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 Lim

its: 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 Hazard: 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 INGREDIEN
TS 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 RETAIN RESIDUE,CAN BE DANGEROUS.DON'T
PRESSURIZE,CUT,BRAZE,WELD,SOLDER,DRILL,GRIND,ETC SUCH CNTNRS.DON'T ATTEMPT TO
CL EAN 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 Cond

ition 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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Toxicologi
cal 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 ID NO: 62071
Product 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: QT
Container QT
Y: B

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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
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x 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 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 THINN

ING OR REDUCING COMPOUNDS)

AFI Hazard Class: 3

AFI UN ID NUM: UN1263

AFI Packing Group: II

Special Provisions: P5

Back Pack Reference: A7.3

HAZCOM Label

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

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

L

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. REPORTS 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 MEMEBRANE IRRITATION. CARDIAC
EFFECTS IN HUMANS, LIVER ABNORMALITIES. ANIMAL: CARDIAC SENSITIZATION (FATAL
CHANGES IN HEART RHYTHMS), HEARING DEFICITS. LIVER ABNORMALIATIES. ANIMAL
STUDIES: LIVER ABN ORMALITIES, KIDNEY, LUNG, SPLEEN DAMAGE.

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