

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

=====
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: 0BDY9
Name: LENMAR INC
Address: 150 S CALVERTON RD
City: BALTIMORE MD 21223
Info Phone Number: 410-947-2300
Emergency Phone Number: 410-947-2300
Review Ind: Y
Published: Y

=====
Contractor Summary
=====

Cage: 0BDY9
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 Issue: 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

Ca

s: 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
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

=====
Health Hazards Data
=====

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 MEM

BRANE IRRITATION. CARDIAC

EFFECTS IN HUMANS, LIVER ABNORMALITIES. ANIMAL: CARDIAC SENSITIZATION (FATAL CHANGES IN HEART RHYTHMS), HEARING DEFICITS. 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 (EYES): FLUSH IMMEDIATELY W/RUNNING WATER 15 MIN. SEE DR FOR DEFINITIVE MEDICAL TREATMENT. SPLASH (SKIN): WASH PROMPTLY W/WATER. REMOVE

CONTAMINATED CLOTHING & LAUNDRY BEFORE REUSE. CALL PHYSICIAN. INGESTION:

CALL PHYSICIAN OR POISON CONTROL CENTER IMMEDIATELY. IF CONSCIOUS GIVE 1-2 GLASSES WATER. DON'T INDUCE VOMITING

=====
Handling and Disposal
=====

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. KEPT 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. #

=====
Fire and Explosion Hazard Information
=====

=====
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 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.

=====
Control Measures
=====

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 RESPIRATOR 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 SURFACES.USE ONLY W/VENT.EMPTY CNTNR RETAIN RESIDUE,CAN BE DANGEROUS.DON'T PRESSURIZE,CUT,BRAZE,WELD,SOLDER,DRILL,GRIND,ETC SUCH CNTNRS.DON'T ATTEMPT TO CLEAN R

ESIDUE (DIFFICULT TO REMOVE).RETURN TO DRUM RECONDITIONER.DISPOSE IN ACCORD W/FED,STATE,LOCAL REGS.SEE ANSI Z49.1

Physical/Chemical Properties

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

Reactivity Data

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.

Toxicological Information

Ecological Information

MSDS Transport Information

Regulatory Information

Other Information

Transportation Information

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
Mu

Itiple KIT Number: 0
Review IND: Y
Unit Of Issue: QT
Container QTY: B

=====
Detail DOT Information
=====

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

=====
Detail IMO Information
=====

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

=====
Detail IATA Information
=====

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

=====
Detail AFI Information
=====

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,L
IQUID 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

=====
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: 21
223
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. 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.

=====

Disclaimer (provided with this information by the compiling agencies):

This information is formulated for use by elements of the Department of Defense. The United States of America in no manner whatsoever expressly or implied warrants, states, or intends said information to have any application, use or viability by or to any person or persons outside the Department of Defense nor any person or persons contracting with any instrumentality of the United States of America and disclaims all liability for such use. Any person utilizing this instruction wh
o is not a military or civilian employee of the United States of America should seek competent professional advice to verify and assume responsibility for the suitability of this information to their particular situation regardless of similarity to a corresponding Department of Defense or other government situation.