

LENMAR, INC -- P-611 TT-L-20A LACQUER CAMOUFLAGE O D 34088

=====
MSDS Safety Information
=====

FSC: 8010
NIIN: 00-664-6155
MSDS Date: 08/21/1993
MSDS Num: BWSFN
Product ID: P-611 TT-L-20A LACQUER CAMOUFLAGE O D 34088
MFN: 01
Responsible Party
Cage: 36489
Name: LENMAR, INC
Address: 150 SOUTH CALVERTON ROAD
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

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

Cage: 0BDY9
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

=====
Item Description Information
=====

Item Manager: GSA
Item Name: LACQUER
Unit of Issue: GL
UI Container Qty: 4

=====
Ingredients
=====

Cas: 108-88-3
RTECS #: XS5250000
Name: TOLUENE (METHYLBENZENE) (SARA III) (CERCLA) (VAPOR PRESSURE 22 MM HG @
20C)
% Wt: 15-25
Other REC Limits: NONE R

ECOMMENDED

OSHA PEL: NOT ESTABLISHED

ACGIH TLV: 100 PPM

EPA Rpt Qty: 1000 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: 10-20

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: 5-15

Other REC Limits: NONE RECOMMENDED

OSHA PEL: 200 PPM

ACGIH TLV: 200 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: 1-11

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: 1-8

Other REC Limits: NONE RECOMMENDED

OSHA PEL: 150 PPM

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: 1-10

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: NITROCELLULO

SE

% Wt: 3-13

Other REC Limits: NONE RECOMMENDED

OSHA PEL: NOT ESTABLISHED

ACGIH TLV: NOT ESTABLISHED

Cas: 1333-82-0

RTECS #: GB6650000

Name: CHROMIUM OXIDE PIGMENT (68% TOTAL CHROMIUM AS CRO3)

% Wt: 8.13

Other REC Limits: NONE RECOMMENDED

OSHA PEL: 0.1 MG/M3

ACGIH TLV: 0.05 MG/M3

=====
Health Hazards Data

=====
Route Of Entry Inds - Inhalation: YES

Skin: YES

Carcin

ogenicity 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: CHROMIUM & CERTAIN CHROMIUM COMPOUNDS ARE CLASSIFIED BY IARC & mp; NTP AS KNOWN CARCINOGEN.

Signs And Symptions Of Overexposure: * CARDIAC EFFECTS IN HUMANS, LIVER ABNORMALITIES. ANIMAL: CARDIAC SENSITIZATION (FATAL CHANGES IN HEART RHYTHMS), HEARING DEFICITS, LIVER ABNORMALITIES, KIDNEY, LUNG, & SPLEEN DAMAGE.

Medical Cond Aggravated By Exposure: NONE

First Aid: INHALATION: REMOVE TO FRESH AIR. GIVE OXYGEN IF BREATHING IS DIFFICULT. CALL A PHYSICIAN. SPLASH (SKIN): WASH AFFECTED AREAS PROMPTLY WITH WATER. REMOVE CONTAMINATED CLOTHING AND LAUN DER BEFORE REUSE. CONSULT A PHYSICIAN. INGESTION: CALL A PHYSICIAN OR POISON CONTROL CENTER IMMEDIATELY. IF CONSCIOUS GIVE ONE OR TWO GLASSES OF WATER. DO NOT 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 W ITH 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: DON'T INGEST, HARMFUL OR FATAL. GROUND CNTNR WHEN POURING. AVOID LIQ FREE FALL >FEW INCHES . CLOSE CNTNR AFTER USE. DON'T TRANSFR TO UNLABELED CNTNR.

Other Precautions: AVOID PROLONGED CONTACT/BREATHING VAPOR. USE NON-SPARK TOOLS/EXPLOSION PROOF EQUIP. DON'T APPLY TO HOT SRFCS. EMPTY CNTNR RETAIN RESIDUE, CAN BE DANGEROUS. DON'T PRESSURIZE,CUT,WELD,ETC SUCH CNTNRS. R ETURN EMPTY DRUMS TO RECONDITIONER.***

=====
Fire and Explosion Hazard Information

=====
Flash Point Method: TCC

Flash Point Text: 21.0F,-6.1C

Lower Limits: 1.4

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: 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: *** ALL OTHER CONTAINERS SHOULD BE DISPOSED IN AN ENVIRONMENTALLY SAFE MANNER AND IN ACCORDANCE WITH GOVERMENT REGULATIONS. FOR WORK ON TANKS REFER TO OSHA REGULATIONS, ANSI Z49.1, AND OTHER GOVERNMENTAL AND INDUSTRIAL REFERENCE PERTAINING TO CLEANING, REPAIRING, WELDING OR OTHER OPERATIONS.

=====
Physical/Chemical Properties
=====

B.P. Text: 176 TO 244F

Vapor Density: > AIR

Evaporation Rate & Reference: SLOWER THAN ETHER

Percent Volatiles by Volume: 72

=====
Reactivity Data
=====

Stability Indicator: YES

Stability Co

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, CHROMIUM OXIDES FORM FOLLOWING IGNITION

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 Code: 36489

Trans ID NO: 81472

Product ID: P-611 TT-L-20A LACQUER CAMOUFLAGE O D 34088

MSDS Prepared Date: 08/21/1993

Review Date: 03/10/1995

MFN: 1

Multiple KIT Number: 0

Review IND: Y

Unit Of Issue: G

L

Container QTY: 4

=====

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

Bul

k 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 N
umber: 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: FLAMMA
BLE 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,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

HAZCOM Label

Product ID: P-611 TT-L-20A LACQUER CAMOUFLAGE O D 34088
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. REPORTS HAVE ASSOCIATED REPEATED & PROLONGED OCCUPATIONAL EXPOSURE TO SOLVENTS W/PERMANENT BRAIN & NERVOUS SYSTEM DAMAGE. CONC & INHALING-HARMFUL/FATAL. ** CARDIAC EFFECTS I N HUMANS, LIVER ABNORMALITIES. ANIMAL: CARDIAC SENSITIZATION (FATAL CHANGES IN HEART RHYTHMS), HEARING DEFICITS, LIVER ABNORMALITIES, 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 who 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 t

heir
particular situation regardless of similarity to a corresponding Department
of Defense or other government situation.