

LENMAR, INC -- Y-850 MIL-P-23377F, PRIMER COATINGS, COMP B

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MSDS Safety Information  
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FSC: 8010  
NIIN: 01-316-2552  
MSDS Date: 07/30/1993  
MSDS Num: BVGSQ  
Product ID: Y-850 MIL-P-23377F, PRIMER COATINGS, COMP B  
MFN: 02  
Kit Part: Y  
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

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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 Name: EPOXY PRIMER COATING KIT  
Specification Number: MIL-P-23377F  
Type/Grade/Class: TYPE 1; CLASS 2  
Type of Container: METAL

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Ingredients  
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Cas: 108-88-3  
RTECS #: XS5250000  
Name: TOLUENE (METHYLBENZENE) (SARA III) (VAPOR PRES

SURE 22 MM HG @ 20C)

% Wt: 35-45

Other REC Limits: NONE RECOMMENDED

OSHA PEL: NOT ESTABLISHED

ACGIH TLV: 100 PPM

EPA Rpt Qty: 1000 LBS

DOT Rpt Qty: 1000 LBS

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Cas: 1330-20-7

RTECS #: ZE2100000

Name: XYLENE (DIMETHYLBENZENE) (SARA III) (VAPOR PRESSURE 10 MM HG @ 20C)

% Wt: 26-36

Other REC Limits: NONE RECOMMENDED

OSHA PEL: 100 PPM

ACGIH TLV: 100 PPM

EPA Rpt Qty: 1000 LBS

DOT Rpt Qty: 1000 LBS

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Cas: 71-36-3

RTECS #: EO1400000

Name: N-BUTAN

OL (1-BUTANOL) (VAPOR PRESSURE 5.5 MM HG @ 20C)

% Wt: 5-15

Other REC Limits: NONE RECOMMENDED

OSHA PEL: NOT ESTABLISHED

ACGIH TLV: 50 PPM

EPA Rpt Qty: 5000 LBS

DOT Rpt Qty: 5000 LBS

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Cas: 68410-23-1

Name: POLYAMIDE RESIN

% Wt: 14-24

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 |

nds - Inhalation: YES

Skin: YES

Effects of Exposure: INHAL: ANESTHETIC, RESPIRATORY TRACT IRRITATION OR ACUTE NERVOUS SYSTEM DEPRESSION (HEADACHE, DIZZINESS, STAGGERING, CONFUSION, UNCONSCIOUSNESS, COMA). SKIN OR EYE: PRIMARY IRRITANT. REPORTS ASSOCIATE REPEATED/PROLONGED EXPOSURE W/PERMANENT BRAIN & NERVOUS SYSTEM DAMAGE. CONCENTRATING & INHALING PRODUCT-HARMFUL/FATAL.

Signs And Symptions Of Overexposure: NOTE TO PHYSICIAN: IF MORE THAN 2.0 ML/KG HAS BEEN INGESTED & VOMIT

ING HAS NOT OCCURRED, IMPLEMENT EMESIS  
W/SUPERVISION. KEEP VICTIM'S HEAD BELOW HIPS TO PREVENT ASPIRATION. IF  
SYMPTOMS SUCH AS LOSS OF GAG REFLEX, CONVULSIONS OR UNCONSCIOUSNESS BEFORE  
EMESIS, CONSIDER GASTRIC LAVAGE USING A CUFFED ENDOTRACHEAL TUBE.

Medical Cond Aggravated By Exposure: NONE KNOWN

First Aid: INHALATION: REMOVE TO FRESH AIR. GIVE OXYGEN IF BREATHING DIFFICULT.  
CALL DR. EYES: FLUSH IMMEDIATELY W/RUNNING WATER FOR AT LEAST 15 MINUTES. SEE  
DR FOR DEFINITIVE MED TREATMENT.

SKIN: WASH PROMPTLY W/WATER. REMOVE  
CONTAMINATED CLOTHING & LAUNDER BEFORE REUSE. CONSULT DR. INGESTION: CALL  
PHYSICIAN OR POISON CONTROL CENTER IMMEDIATELY. 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-SPARK TOOLS. USE ADEQUATE VENT. MOVE LEAKING CON  
TAINERS OUTDOORS,  
OBSERVING PRECAUTION W/REGARD TO FIRE, SPARK, FLAME HZD. RUNOFF TO WATER WAY  
CREATES FIRE HZD. NOTIFY FIRE & HLTH 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/OTHER HEAT SOURCE.KEEP CNTNR CLSD.NO SMOKING  
.DON'T

EAT(HARMFUL/FATAL).GROUND CNTNR WHEN POURING.

Other Precautions: AVOID FREE FALL OF LIQ >FEW INCHES. CLOSE CNTNR AFTER  
USE. DON'T TRANSFER TO BOTTLES OR UNLABELED CNTNRS.AVOID CONTACT W/SKIN &  
BREATHING VAPORS.EXTINGUISH PILOT LIGHTS.USE NON-SPARK TOOLS & EXPLOSION  
PROOF EQUIP. KEEP FROM HEAT, SPARK, \*

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Fire and Explosion Hazard Information  
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Flash Point Method

: SCC

Flash Point Text: 53.0F,11.7C

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  
CLSD CNTNRS.AVOID EXPOSURE TO FUMES;GET IMMED MED AID FOR PERSON EXPOSED.  
WEAR SCBA WHEN IN ENCLOSED AREAS.

Unusual Fire/Explosion Hazard: TOXIC GAS EVOLVED. KEEP CNTNRS CLSD. KEEP FROM  
HEAT/IGNIT SOURCES. CLSD CNTNR MAY EXPLODE W/HEAT. DON'T APPLY TO HOT SRFCs.  
DON'T STORE/MIX

W/STRONG OXIDANTS.

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Control Measures  
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Respiratory Protection: IN OPEN AREAS, USE MECHAN FILTER. IN RESTRICTED VENT AREA, USE CHEM/MECHAN FILTER. IN CONFINED AREAS, USE AIRLINE-TYPE RESPRTRS OR HOODS. WEAR FITTED RESPIRATOR DURING &; AFTER APPLICATION UNLESS AIR M ONITORING SHOWS VAPOR BELOW TLV/PEL.

Ventilation: USE SPRAY BOOTH. GENERAL DILUTION OR LOCAL EXHAUST TO KEEP CONC

ENTRATION OF MOST HAZARDOUS INGREDIENT 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: \* PRECAUTIONS CONT'D: &; OPEN FLAME. DO NOT APPLY TO HOT SURFACES. USE W/ADEQUATE VENTILATION. HANDLE IN ACCORD W/POTENTIALITIES OF BOTH RESIN COMPONENT &; CURING AGENT WHEN MIXED. EMPTY CONTAINER RETAI N RESIDUE-DANGEROUS. DON'T

PRESSURIZE,CUT,WELD,BRAZE,SOLDER,DRILL,ETC. DONT ATTEMPT TO CLEAN. FOR TANKER SEE ANSI Z49.1

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Physical/Chemical Properties  
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B.P. Text: 231 TO 281F

Vapor Density: > AIR

Evaporation Rate &; Reference: SLOWER THAN ETHER

Percent Volatiles by Volume: 83

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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 FLAMES AND HOT SURFACES.

Materials To Avoid: OXIDIZING AGENTS

Hazardous Decomposition Products: CARBON DIOXIDE, CARBON MONOXIDE.

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: 36489  
Trans ID NO: 124767  
Product ID: Y-850 MIL-P-23377F, PRIMER COATINGS, COMP B  
MSDS Prepared Date: 07/30/1993  
Review Date: 08/30/1994  
MFN: 2  
Multiple KIT Number: 0  
Kit Part IND: Y  
Review IND: Y  
Type Of Container: METAL

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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 Informa

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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,A7

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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 Refer

ence: A7.3

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HAZCOM Label

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Product ID: Y-850 MIL-P-23377F, PRIMER COATINGS, COMP B

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, RESPIRATORY TRACT IRRITATION OR

ACUTE NERVOUS SYSTEM DEPRESSION (HEADACHE, DIZZINESS, STAGGERING, CONFUSION, UNCONSCIOUSNESS, COMA). SKIN OR EYE: PRIMARY IRRITANT. REPORTS ASSOCIATE REPEATED/PROLONGED EXPOSURE W/PERMANENT BRAIN & NERVOUS SYSTEM DAMAGE. CONCENTRATING & INHALING PRODUCT-HARMFUL/FATAL. NOTE TO PHYSICIAN: IF MORE THAN 2.0 ML/KG HAS BEEN INGESTED & VOMITING HAS NOT OCCURRED, IMPLEMENT EMESIS W/SUPERVISION. KEEP VICTIM'S HEAD BELOW HIPS TO PREVE

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ASPIRATION. IF SYMPTOMS SUCH AS LOSS OF GAG REFLEX, CONVULSIONS OR UNCONSCIOUSNESS BEFORE EMESIS, CONSIDER GASTRIC LAVAGE USING A CUFFED ENDOTRACHEAL TUBE.

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