

LENMAR INC -- MIL-L-81352,FLAT BLACK,P-904,LACQUER,ACRYLIC

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MSDS Safety Information
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FSC: 8010
NIIN: 00-935-7078
MSDS Date: 03/13/1993
MSDS Num: BWFNR
Product ID: MIL-L-81352,FLAT BLACK,P-904,LACQUER,ACRYLIC
MFN: 01
Responsible Party
Cage: 12904
Name: LENMAR INC
Address: 150 S. CALVERTON ROAD
City: BAL
TIMORE MD 21223
Info Phone Number: 410-947-2300
Emergency Phone Number: 410-947-2300/358-5524
Preparer's Name: UNKNOWN
Review Ind: Y
Published: Y

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Contractor Summary
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Cage: 12904
Name: LENMAR INC
Address: 33 N WARWICK AVENUE
City: BALTIMORE MD 21223-1413
Phone: 410-947-2300
Cage: 0BDY9
Name: LENMAR, INC.
Address: 150 SOUTH CALVERTON ROAD
City: BALTIMORE MD 21223
Phone: 410-947-2300/410
-358-5524

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Item Description Information
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Item Manager: GSA
Item Name: LACQUER
Unit of Issue: QT
UI Container Qty: B

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Ingredients
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Cas: 78-93-3
RTECS #: EL6475000
Name: METHYL ETHYL KETONE (2-BUTANONE) (MEK) (SARA 313) (CERCLA)
% Wt: 17 - 27
Other REC Limits: NONE RECOMMENDED
OS

HA PEL: 200 PPM
ACGIH TLV: 200 PPM/300STEL;9495
EPA Rpt Qty: 5000 LBS
DOT Rpt Qty: 5000 LBS

Cas: 123-86-4
RTECS #: AF7350000
Name: N-BUTYL ACETATE (CERCLA)
% Wt: 6 - 16
Other REC Limits: NONE RECOMMENDED
OSHA PEL: 150 PPM
ACGIH TLV: 150 PPM/200STEL;9495
EPA Rpt Qty: 5000 LBS
DOT Rpt Qty: 5000 LBS

Cas: 108-88-3
RTECS #: XS5250000
Name: TOLUENE (SARA 313) (CERCLA)
% Wt: 6 - 16
Other REC Limits: NONE RECOMMENDED
OSHA PEL: 200 PPM; Z-2
AC
GIH TLV: S, 50 PPM; 9495
EPA Rpt Qty: 1000 LBS
DOT Rpt Qty: 1000 LBS

Cas: 71-36-3
RTECS #: EO1400000
Name: N-BUTYL ALCOHOL (SARA 313) (CERCLA)
% Wt: 1 - 10
Other REC Limits: NONE RECOMMENDED
OSHA PEL: 100 PPM
ACGIH TLV: S, C 50 PPM; 9495
EPA Rpt Qty: 5000 LBS
DOT Rpt Qty: 5000 LBS

Cas: 108-65-6
RTECS #: AI8295000
Name: PROPYLENEGLYCOL MONOMETHYL ETHER ACETATE
% Wt: 1 - 10
Other REC Limits: NONE RECOMMENDED
OSHA PEL: NOT ESTABLISHED.

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CGIH TLV: NOT ESTABLISHED.

Cas: 14807-96-6
RTECS #: WW2710000
Name: TALC (CONTAINING NO ASBESTOS)
% Wt: 8 - 18
Other REC Limits: NONE RECOMMENDED
OSHA PEL: 20 MPPCF Z-3
ACGIH TLV: 2 MG/M3 RDUST; 9495

RTECS #: 9999999VC
Name: VOLITILE ORGANIC CONTENT AS LISTED ON MSDS:4.95 LBS/GAL (593.1 G/L)
Other REC Limits: NONE RECOMMENDED
OSHA PEL: NOT RELEVANT
ACGIH TLV: NOT RELEVANT
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Health
Hazards Data
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LD50 LC50 Mixture: LD50 (ORAL, RAT) UNKNOWN
Route Of Entry Inds - Inhalation: YES
Skin: YES
Ingestion: NO
Carcinogenicity Inds - NTP: YES
IARC: YES
OSHA: NO
Effects of Exposure: TARGET ORGANS:EYES, SKIN, LIVER, KIDNEY, CNS, LUNG. ACUTE-
HARMFUL IF INHALED, SWALLOWED/ABSORBED THROUGH SKIN. CAUSES SEVERE EYE
IRRITATION. EXCESSIVE INHALATION CAUSES HEADACHE, DIZZINESS. DELIBERAT ELY
CONCENTRATING & INHALING MAY BE FATAL
. CHRONIC- MAY CAUSE LIVER, KIDNEY,
CNS, BRAIN, LUNG DAMAGE, DERMATITIS.
Explanation Of Carcinogenicity: CONTAINS CRYSTALLINE SILICA, PER MSDS.
Signs And Symptions Of Overexposure: EYES, SKIN, RESPIRATORY AND
GASTROINTESTINAL TRACTS IRRITATION; HEADACHE, DIZZINESS, NAUSEA, VOMITING,
INCOORDINATION, DRY SKIN, DERMATITIS, CONFUSION, UNCONSCIOUSNESS OR COMA,
Medical Cond Aggravated By Exposure: INDIVIDUALS WITH PRE-EXISTING DISEASES OF
THE EYE, SKIN, RESPIRATORY TRACT, LIVER, KIDNEYS, CNS M
AY HAVE INCREASED
SUSCEPTIBILITY TO THE TOXICITY OF EXCESSIVE EXPOSURES.
First Aid: GET MEDICAL HELP IF SYMPTOMS PERSIST. INHALED:REMOVE TO FRESH AIR.
PROVIDE CPR/OXYGEN IF NEEDED. EYES:FLUSH WITH WATER FOR 15 MINUTES, HOLDING
EYELIDS OPEN. SKIN:WASH WITH SOAP & WATER. ORAL:DO NOT IN DUCE VOMITING.
IF CONSCIOUS, SLOWLY DILUTE BY DRINKING 1-2 GLASSES OF WATER. GET MEDICAL
ATTENTION. NEVER GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON.
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Handling and Disposal

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Spill Release Procedures: WEAR PROTECTIVE EQUIPMENT. ELIMINATE SOURCES OF IGNITION. VENTILATE AREA. CONTAIN SPILL. PICK UP SPILL WITH NON-FLAMMABLE ABSORBENT SUCH AS SAND, EARTH/USE PUMP (EXPLOSION PROOF). GROUND ALL HANDLING EQUIPMENTS. PREVENT LIQUID FROM ENTERING SEWERS.

Neutralizing Agent: NOT RELEVANT

Waste Disposal Methods: RECLAIM MATERIAL OR DISPOSE IN AN APPROVED INCINERATOR OR CONTRACT WITH

LICENSED CHEMICAL WASTE DISPOSAL SERVICE. DISPOSE OF IN

ACCORDANCE WITH ALL LOCAL, STATE AND FEDERAL REGULATIONS. DO NOT INCINERATE CLOSED CONTAINERS.

Handling And Storage Precautions: STORE IN WELL VENTILATED WAREHOUSE. KEEP AWAY FROM HEAT, DIRECT SUNLIGHT, IGNITION SOURCES & INCOMPATIBLE MATERIALS. GROUND CONTAINERS WHEN POURING.

Other Precautions: DANGER! EXTREMELY FLAMMABLE. EMPTY CONTAINERS RETAIN RESIDUE AND CAN BE DANGEROUS. DO NOT PUNCTURE/WELD ON/NEAR CONTAINER. USE WITH ADEQUATE VENTILATION. DO NOT BREATHE VAPORS. AVOID EYES AND SKIN CONTACT. KEEP OUT OF REACH OF CHILDREN.

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Fire and Explosion Hazard Information

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Flash Point Method: SCC

Flash Point: =2.2C, 36.F

Lower Limits: 1.4

Upper Limits: UNKNOWN

Extinguishing Media: CARBON DIOXIDE, DRY CHEMICAL, WATER FOG, FOAM, ALCOHOL FOAM. COOL FIRE-EXPOSED CONTAINERS WITH WATER SPRAY.

Fire Fighting Procedures:

WEAR FULL PROTECTIVE CLOTHING AND NIOSH-APPROVED SELF-CONTAINED BREATHING APPARATUS WITH FULL FACEPIECE OPERATED IN THE POSITIVE PRESSURE MODE.

Unusual Fire/Explosion Hazard: EXTREMELY FLAMMABLE. CLOSED CONTAINERS MAY EXPLODE. TOXIC GASES ARE EVOLVED.

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Control Measures

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Respiratory Protection: IN OPEN AREAS USE NIOSH-APPROVED MECHANICAL FILTER RESPIRATOR FOR PARTICLES. I

UNRESTRICTED VENTILATION AREAS, USE RESPIRATOR
APPROVED FOR REMOVING PARTICULATES AND ORGANIC VAPORS. IN CONFINED AREA USE
APPROVED AIR-LINE TYPE RESPIRATOR/HOOD
Ventilation: MECHANICAL (GENERAL AND/OR LOCAL EXHAUST, EXPLOSION-PROOF)
VENTILATION TO MAINTAIN EXPOSURE BELOW TLV(S).
Protective Gloves: NEOPRENE, NITRILES REQUIRED
Eye Protection: SPLASH-PROOF GOGGLES
Other Protective Equipment: PROTECTIVE CLOTHING, SAFETY SHOWER AND EYEWASH
FACILITY
Work Hygienic Practices: OBSERVE GOOD INDUSTRIAL HYGIENE PRACTICES AND
RECOMMENDED PROCEDURES. USE APPROVED SPRAY BOOTH.

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Physical/Chemical Properties
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HCC: F2
NRC/State LIC No: NOT RELEVANT
Boiling Point: =80.C, 176.F
Vapor Pres: UNKNOWN
Vapor Density: >1
Spec Gravity: 1.080
Viscosity: UNKNOWN
Solubility in Water: UNKNOWN
Appearance and Odor: BLACK LIQUID - SOLVENT ODOR
Percent Volatiles by Volume: 70
Corrosion Rate: UNKN
OWN

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Reactivity Data
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Stability Indicator: YES
Stability Condition To Avoid: HEAT (TEMPERATURES IN EXCESS OF 150F IN CLOSED
CONTAINER), SPARKS, FLAMES, HOT SURFACES AND OTHER SOURCES OF IGNITION
Materials To Avoid: OXIDIZING AGENTS
Hazardous Decomposition Products: CARBON MONOXIDE, CARBON DIOXIDE
Hazardous Polymerization Indicator: NO
Conditions To Avoid Polymerization: NOT RELEVANT
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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: 12904
Trans ID NO: 93462
Product ID: MIL-L-81352,FLAT BLACK,P-904,LACQUER,ACRYLIC
MSDS Prepared Date: 03/13/1993
Review Date: 01/23/1995
MFN: 1
Tech Entry
NOS Shipping Nm: TOLUENE, METHYL ETHYL KETONE
Net Unit Weight: 2.2 LBS
Multiple KIT Number: 0
Review IND: Y
Unit Of Issue: QT
Container QTY: B
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Detail DOT Information
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DOT PSN Code: GJJ
Symbols: G
DOT Proper Shipping Name: FLAMMABLE LIQUIDS, N.O.S.
Hazard Class: 3
UN ID Num: UN1993
DOT Packaging Group: II
Label: FLAMMABLE LIQUID
Special Provision: T8,T31
Non Bulk Pack: 202
Bulk Pack: 24
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Max Qty Pass: 5L
Max Qty Cargo: 60 L
Vessel Stow Req: B
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Detail IMO Information
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IMO PSN Code: HIN
IMO Proper Shipping Name: FLAMMABLE LIQUID, N.O.S. o
IMDG Page Number: 3230
UN Number: 1993
UN Hazard Class: 3.2
IMO Packaging Group: I/II
Subsidiary Risk Label: -
EMS Number: 3-07
MED First Aid Guide NUM: T
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Detail IATA Information

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IATA PSN BV
IATA UN ID Num: 1993
IATA Proper Shipping Name: FLAMMABLE LIQUID, N.O.S. *
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
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Detail AFI Information
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AFI PSN BV
AFI Symbols: *
AFI Proper Shipping Name: FLAMMABLE LIQUIDS, N.O.S.
AFI Hazard Class: 3
AFI UN ID NUM: UN1993
AFI Packing Group: II
Special Provisions: P5
Back Pack Reference: A7.3
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HAZCOM Label
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Product ID: MIL-L-81352,FLAT BLACK,P-904,LACQUER,ACRYLIC
Cage: 12904
Company Name: LENMAR INC
Street: 33 N WARWICK AVENUE
City: BALTIMORE MD
Zipcode: 21223-1413
Health Emergency Phone: 410-947-2300/358-5524
Label Required IND: Y
Date Of Label
Review: 01/23/1995
Status Code: C
MFG Label NO: NOT RELEVANT
Label Date: 01/23/1995
Origination Code: F
Eye Protection IND: YES
Skin Protection IND: YES
Signal Word: DANGER
Respiratory Protection IND: YES
Health Hazard: Severe
Contact Hazard: Moderate
Fire Hazard: Severe
Reactivity Hazard: None
Hazard And Precautions: TARGET ORGANS:EYES, SKIN, LIVER, KIDNEY, CNS, LUNG.
ACUTE- HARMFUL IF INHALED, SWALLOWED/ABSORBED THROUGH SKIN. CAUSES SEVERE EYE IRRITATION. DELIBERATELY CONCENTRATING &

INHALING MAY BE FATAL. CHRONIC-
MAY CAUSE LIVER, KIDNEY, CNS, BRAIN,LUNG DAMAGE, DERMATITIS. STORE IN WELL
VENTILATED WAREHOUSE. PICK UP SPILL WITH NON-FLAMMABLE ABSORBENT SUCH AS
SAND. FIRST AID- GET MEDICAL HELP IF SYMPTOMS PERSIST. INHALED:REMOVE TO
FRESH AIR. PROVIDE CPR/OXYGEN IF NEEDED. EYES:FLUSH WITH WATER FOR 15
MINUTES, HOLDING EYELIDS OPEN. SKIN:WASH WITH SOAP & WATER. ORAL:DO NOT
INDUCE VOMITING. IF CONSCIOUS, DRINK 1-2 GLASSES OF WATER. GET MEDICAL
ATTENTION.

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