

LEO UHLFELDER COMPANY -- Y-838 MIL-P-23377E PRIMER COATING, COMP A

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MSDS Safety Information

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FSC: 8010

NIIN: 01-050-4082

MSDS Date: 01/21/1993

MSDS Num: BVGNP

Product ID: Y-838 MIL-P-23377E PRIMER COATING, COMP A

MFN: 01

Kit Part: Y

Responsible Party

Cage: 78956

Name: LEO UHLFELDER COMPANY

Address: 420 SOU;TH F

ULTON AVENUE

City: MOUNT VERNON NY 10553

Info Phone Number: 914-664-8701

Emergency Phone Number: 914-664-8701

Review Ind: Y

Published: Y

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Contractor Summary

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Cage: 0BDY9

Name: LENMAR, INC.

Address: 150 SOUTH CALVERTON ROAD

City: BALTIMORE MD 21223

Phone: 410-947-2300/410-358-5524

Cage: 78956

Name: LEO UHLFELDER COMPANY

Address: 420 SOU;TH FULTON AVENUE

City: MT. VERNON NY 10553

Phone:

914-664-8701

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Item Description Information

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Item Name: EPOXY PRIMER COATING KIT

Type of Container: METAL

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Ingredients

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Cas: 78-93-3

RTECS #: EL6475000

Name: METHYL ETHYL KETONE (2-BUTANONE) (SARA III) (VAPOR PRESSURE 70 MM HG @ 20C)

% Wt: 15-25

Other REC Limits: NONE RECOMMEN

DED
OSHA PEL: 200 PPM
ACGIH TLV: 200 PPM
EPA Rpt Qty: 5000 LBS
DOT Rpt Qty: 5000 LBS

Cas: 78-83-1
RTECS #: NP9625000
Name: ISOBUTANOL (2-METHYL, 1-PROPANOL) (VAPOR PRESSURE 8.8 MM HG @ 20C)
% Wt: 5-15
Other REC Limits: NONE RECOMMENDED
OSHA PEL: 100 PPM
ACGIH TLV: 50 PPM
EPA Rpt Qty: 5000 LBS
DOT Rpt Qty: 5000 LBS

Cas: 108-88-3
RTECS #: XS5250000
Name: TOLUENE (METHYLBENZENE) (SARA III) (VAPOR PRESSURE 22 MM HG @ 20C)
% Wt: 1-10
Othe
r REC Limits: NONE RECOMMENDED
OSHA PEL: NOT ESTABLISHED
ACGIH TLV: 100 PPM
EPA Rpt Qty: 1000 LBS
DOT Rpt Qty: 1000 LBS

Cas: 25036-25-3
Name: BISPHENOL A-EPICHLOROHYDRIN
% Wt: 18-28
Other REC Limits: NONE RECOMMENDED
OSHA PEL: NOT ESTABLISHED
ACGIH TLV: NOT ESTABLISHED

Cas: 14807-96-6
RTECS #: WW2710000
Name: TALC
% Wt: 1-11
Other REC Limits: NONE RECOMMENDED
OSHA PEL: NOT ESTABLISHED
ACGIH TLV: NOT ESTABLISHED

Cas: 7440-47-3
RTECS #: GB4200000
Name: STRONTIUM CHROMATE (SARA III)
% Wt: 2-22
Other REC Limits: NONE RECOMMENDED
OSHA PEL: NOT ESTABLISHED
ACGIH TLV: 0.5 MG/M3
EPA Rpt Qty: 1 LB
DOT Rpt Qty: 1 LB

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Health Hazards Data

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Route Of Entry Inds - Inhalation: YES

Skin: YES

IARC: YES

Effects of Exposure: INHALATION: ANESTHETIC. RESPIRATORY TRACT IRRITATION OR ACUTE NERVOUS SYSTEM DE

PRESSION (HEADACHE, DIZZINESS, STAGGERING, CONFUSION, UNCONSCIOUSNESS, COMA). SKIN OR EYE: PRIMARY IRRITANT. REPORTS ASSO CIATE REPEATED/PROLONGED EXPOSURE W/PERMANENT BRAIN & NERVOUS SYSTEM DAMAGE. CONCENTRATING & INHALING HARMFUL/FATAL. *

Explanation Of Carcinogenicity: STRONTIUM CHROMATE-LISTED HUMAN CARCINOGEN (CHROME CONTENT).IARC LISTS CRYSTALLINE SILICA AS LIMITED EVIDENCE TO HUMANS.

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

INGESTED & VOMITING HAS NOT OCCURRED, INDUCE EMESIS W/SUPERVISION. KEEP VICTIM'S HEAD BELOW HIPS TO PREVENT ASPIRATION. IF SYMPTOMS SUCH AS LOSS OF G AG REFLEX,CONVULSIONS,UNCONSCIOUSNESS BEFORE EMESIS, GASTRIC LAVAGE USING CUFFED ENDOTRACHEAL TUBE SHOULD BE CONSIDERED.

Medical Cond Aggravated By Exposure: NONE KNOWN * CHRONIC: TALCOSIS (PULMONARY FIBROSIS WHICH MAY LEAD TO SEVERE & PERMANENT DAMAGE TO LUNG. DERMAL & MUCOUS MEMBRANE IRRITATION, DAMAGE WILL RESULT FROM PROL

ONGED

EXPOSURES.

First Aid: INHALATION: REMOVE TO FRESH AIR. GIVE OXYGEN IF BREATHING DIFFICULT. CALL DR. EYES: FLUSH IMMED W/COPIOUS QUANTITIES OF RUNNING WATER FOR AT LEAST 15 MIN. SEE DR FOR DEFINITIVE MEDICAL TREATMENT. SKIN : WASH PROMPTLY WITH WATER. REMOVE CONTAMINATED CLOTHING & WASH BEFORE REUSE. SEE DR. INGESTION: CALL DR OR POISON COTROL CENTER IMMED. IF CONSCIOUS GIVE 1-2 GLASSES WATER. DO NOT INDUCE VOMITING.

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Handling and Disposal

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Spill Release Procedures: REMOVE IGNITION SOURCES. MOP UP SPILL OR ADD ABSORBENT. USE NON-SPARK TOOLS, USE ADEQUATE VENT. MOVE LEAKING CONTAINERS OUTDOORS, OBSERVING PRECAUTION W/REGARD TO FIRE, SPARK & FLAME HZD. RUNOFF TO WATERWAY CREATES FIRE HZD. NOTIFY FIRE/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 WELL-VENTED WAREHOUSE. KEEP OUT OF DIRECT SUNLIGHT/HEAT SOURCE. KEEP CONTAINERS CLOSED. NO SMOKING. DO NOT INGEST (HARMFUL/FATAL).

Other Precautions: GROUND CONTAINER WHEN POURING. AVOID FREE FALL OF LIQUID > FEW INCHES. CLOSE CONTAINER AFTER USE. DON'T TRANSFER PRODUCT TO BOTTLES OR UNLABELED CONTAINERS. AVOID SKIN CONTACT/BREATHING VAPOR. EXTINGUISH PILOT LIGHTS. USE NON-SPARKING TOOLS & EXPLOSION **

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 CONTAINERS. AVOID EXPOSURE TO FUMES. ANY PERSON EXPOSED TO SUCH FUMES SHOULD GET IMMEDIATE MEDICAL AID. WEAR SCBA.

Unusual Fire/Explosion Hazard: TOXIC GASES EVOLVED W/HEAT. KEEP CONTAINER CLOSED. KEEP FROM HEAT/IGNITION SOURCE. CLOSED CONTAINER MAY EXPLODE W/HEAT. DON'T APPLY TO HOT SURFACES. DON'T STORE/MIX W/STRONG OXIDANTS.

Control Measures

Respiratory Protection: IN OPEN AREAS USE MECHANICAL FILTER RESPIRATOR. IN RESTRICTED VENTILATED AREAS USE CHEMICAL/MECHANICAL FILTER. IN CONFINED AREAS USE AIRLINE TYPE

RESPIRATORS OR HOODS. WEAR FITTED, RESPIRATOR DURING & AFTER APPLICATION UNLESS < TLV/PEL. FOLLOW MFR'S INSTRUCTIONS.

Ventilation: USE APPROVED SPRAY BOOTH. PROVIDE GENERAL DILUTION/LOCAL EXHAUST VENT TO KEEP CONCENTRATION OF MOST HAZARDOUS INGREDIENTS < 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: PROOF EQUIP. KEEP FROM
HEAT/IGNIT SOURCE. DONT APPLY TO HOT SRFCs. USE W/VENT. AVOID BREATHING
SANDING DUST. IF KIT MIXED, FOLLOW PRECAUTIONS OF BOTH PARTS OF KIT. EMPTY
CNTNR R ETAIN RESIDUE; DONT ATTEMPT TO CLEAN. DONT
PRESSUREIZE,CUT,WELD,BRAZE,SOLDER,DRILL,ETC. DISPOSE OF CNTNR IN SAFE MANNER.

Physical/Chemical Properties

HCC: F2
B.P. Text: 176 TO 231F
Vapor Density: > AIR
Evaporation Rate & Reference: SLOWER THAN ETHER
Percent Volatiles by Volume: 60

Reactivity Data

Stability Indicator: YES
Stability Condition To Avoid: TEMPERATURES IN EXCESS OF 150F IN CLOSED
CONTAINER. EXPOSURE TO HEAT, SPARKS, OPEN FLAME AND HOT SURFACES.
Materials To Avoid: OXIDIZING AGENTS
Hazardous Decomposition Products: CARBON DIOXIDE, CARBON MONOXIDE, ALDEHYDES
AND ACIDS MAY BE FORMED DURING COMBUSTION.
Hazardous Polymerization Indicator: NO

Toxicological Information

Ecological Information

MSDS Transport Information

Regulatory Information

Other Information

Transportation Information

Responsible Party Cage: 78956
Trans ID NO: 103109
Product ID: Y-838 MIL-P-23377E PRIMER COATING,

COMP A
MSDS Prepared Date: 01/21/1993
Review Date: 08/31/1994
MFN: 1
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: UN1
263
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 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 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

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HAZCOM Label

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Product ID: Y-838 MIL-P-23377E PRIMER COATING, COMP A

Cage: 78956

Company Name: LEO UHLFELDER COMPANY

Street: 420 SOUTH FULTON AVENUE

City: MT. VERNON NY

Zipcode: 10553

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: INHALATION: ANESTHETIC. RESPIRATORY TRACT IRRITATION OR ACUTE NERVOUS SYSTEM DEPRESSION (HEADACHE, DIZZINESS, STAGGERING, CONFUSION, UNCONSCIOUSNESS, COMA). SKIN OR EYE: PRIMARY IRRITANT. REPORTS ASSOCIATE REPEATED/PR

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CONCENTRATING & INHALING HARMFUL/FATAL. * NOTE TO PHYSICIAN: IF MORE
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EMESIS, GASTRIC LAVAGE USING CUFFED ENDOTRACHEAL TUBE SHOULD BE CONSIDERED.

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