

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

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

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

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

Cage: OBDY9

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

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

Item Name: EPOXY PRIMER COATING KIT

Type of Container: METAL

=====
Ingredients
=====

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
Other 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: BISPENOL 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

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

Route Of Entry Inds - Inhalation: YES

Skin: YES

IARC: YES

Effects of Exposure: INHALATION: 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 HARMFUL/FATAL. *

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

Signs And Symptoms 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 GAG 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 IMMEDIATE 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 CONTROL CENTER IMMEDIATE. IF CONSCIOUS GIVE 1-2 GLASSES WATER. DO NOT INDUCE VOMITING.

=====
Ha

Handling and Disposal

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/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 WELL-VENTED WAREHOUSE. KEEP OUT OF DIRECT SUNLIGHT/HEAT SOURCE. KEEP CONTAINERS CLOSED. NO SMOKING. DO NOT INGEST (HARMFUL/FATAL).

Other Precautions: GROUND CONTNR WHEN POURING. AVOID FREE FALL OF LIQ > FEW INCHES. CLOSE CNTNR AFTER USE. DON'T TRANSFER PRODUCT TO BOTTLES OR UNLABELED CNTNRS. AVOID SKIN CONTACT/BREATHING VAPOR. EXTINGUISH PILOT LIGHTS . USE NON-SPA

WORKING 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 I

IMMEDIATE MED AID. WEAR SCBA.

Unusual Fire/Explosion Hazard: TOXIC GASES EVOLVED W/HEAT.KEEP CNTNR CLSD.KEEP FROM HEAT/IGNIT SOURCE.CLSD CNTNR MAY EXPLODE W/HEAT.DON'T APPLY TO HOT SURFCS.DON'T STORE/MIX W/STRONG OXIDANTS.

Control Measures

Respiratory Protection: IN OPEN AREAS USE MECHAN FILTER RESPRTR. IN RESTRICTED VENT AREAS USE CHEM/MECHAN FILTER. IN CONFINED AREAS USE AIRLINE TYP

E 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 INGRED<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

=====
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: 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

=====
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 Modifi

er: (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: Y-838 MIL-P-23377E PRIMER COATING, COMP A

Cage: 78956

Company Name: LEO UHLFELD
ER 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

PROLONGED EXPOSURE W/PERMANENT BRAIN & NERVOUS SYSTEM DAMAGE.
CONCENTRATING & INHALING HARMFUL/FATAL. * 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 GAG REFLEX, CONVULSIONS, UNCONSCIOUSNESS BEFORE
EMESIS, GASTRIC LAVAGE USING CUFFED ENDOTRACHEAL TUBE SHOULD BE CONSIDERED.

=====

===

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