

LORAL ENGINEERED FABRICS -- 81C20

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MSDS Safety Information
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FSC: 8010
NIIN: 00-459-1754
MSDS Date: 03/01/1996
MSDS Num: CDXSF
Product ID: 81C20
MFN: 07
Kit Part: Y
Responsible Party
Cage: DO431
Name: LORAL ENGINEERED FABRICS
Address: 669 GOODYEAR STREET
City: ROCKMART GA 30153
Info Phone Number: 202-483-7616
Emergency Phone Number: 800-424-9300/216-796-5999
Preparer's Name: WILLIAM R. RITTER
Review Ind: Y
Published: Y

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Preparer Co. when other than Responsible Party Co.
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Cage: DO431
Assigned Ind: Y
Name: LORAL ENGINEERED FABRICS
Address: 669 GOODYEAR STREET
City: ROCKMART GA 30153

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Contractor Summary
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Cage: 56221
Name: ENGINEERED FABRICS CORPORATION
Address: 669 GOODYEAR STREET
Box: 548
City: ROCKMART GA 30153
Phone: 706-684-7855
Cage: DO431
Name: LORAL ENGINEERED FABRICS
Address: 669 GOODYEAR STREET
City: ROCKMART GA 30153
Phone: 800-424-9300/216-796-5999

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Item Description Information
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Item Manager: GSA
Item Name: COATING KIT,RAIN ER

OSION RESISTING

Unit of Issue: KT

UI Container Qty: 1

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Ingredients
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Cas: 25190-06-1

Name: POLYETHER EURETHANE PREPOLYMER

% Wt: 50-55

Other REC Limits: NONE RECOMMENDED

OSHA PEL: NOT ESTABLISHED

ACGIH TLV: NOT ESTABLISHED

Cas: 1330-20-7

RTECS #: ZE2100000

Name: XYLENES (O-,M-,P- ISOMERS) (SARA 313) (CERCLA)

% Wt: 30-35

Other REC Limits: NONE RECOMMENDED

OSH

A PEL: 100 PPM

ACGIH TLV: 100 PPM/STEL 150

EPA Rpt Qty: 1000 LBS

DOT Rpt Qty: 1000 LBS

Cas: 111-15-9

RTECS #: KK8225000

Name: 2-ETHOXYETHYL ACETATE (EGEEA)

% Wt: 10-15

Other REC Limits: NONE RECOMMENDED

OSHA PEL: 100 PPM

ACGIH TLV: 5 PPM

Cas: 108-10-1

RTECS #: SA9275000

Name: METHYL ISOBUTYL KETONE (HEXONE) (SARA 313) (CERCLA)

% Wt: 4-10

Other REC Limits: NONE RECOMMENDED

OSHA PEL: 50 PPM

ACGIH TLV: 50 PPM/75 STEL

EPA Rpt Qty: 5000 L

BS
DOT Rpt Qty: 5000 LBS

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Health Hazards Data
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Route Of Entry Inds - Inhalation: YES

Skin: YES

Ingestion: YES

Carcinogenicity Inds - NTP: NO

IARC: NO

OSHA: NO

Effects of Exposure: ACUTE: SKIN: IRRITATION, (RED, SWELL, RASH, SCALE, BLISTER). EYE: IRRITATION, (TEAR, RED, SWELL). INHAL: IRRITATION TO NOSE/THROAT/LUNGS. RUNY NOSE, SORE THROAT, COUGHING, CHEST DISCOMFORT, SHORTNESS OF

BREATH. BRONCHOSPASM, PULMONARY EDEMA, SENSITIZATION, ASTHMA-LIKE SYMPTOMS, UNCONSCIOUSNESS & ASPHYXIATION. *

Signs And Symptions Of Overexposure: NK * CHRONIC: SKIN: IRRITATION, ALLERGIC REACTION, SENSITIZATION, CHEST TIGHTNESS WHEEZING, COUGH, SHORTNESS OF BREATH, ASTHMA ATTACK.

Medical Cond Aggravated By Exposure: EYE/SKIN/RESPIRATORY DISORDERS.

First Aid: INHAL: GET FRESH AIR. GIVE OXYGEN IF BREATHING IS DIFFICULT, ARTIFICIAL RESPIRATION IF NO BREATH, GET MED AID. EYE: FLUSH

W/WATER >15

MINUTES, CALL DR. SKIN: WASH THOROUGHLY W/SOAP & WATER. REMOVE CON TAM CLOTHES, WASH BEFORE REUSE. INGEST:DONT INDUCE VOMIT, GIVE 1-2 CUPS MILK/WATER TO DRINK. IF VOMIT OCCURS, KEEP HEAD BELOW HIPS. DONT GIVE ANYTHING BY MOUTH TO UNCONSCIOUS PERSON, GET MED AID.

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Handling and Disposal
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Spill Release Procedures: REMOVE IGNITS. CONTAIN SPILL. ABSORB OR PUMP (EX

PLOSION PROOF EQUIPMENT). CONTAINERIZE IN SUITABLE LABELED CONTAINER. EPA D-001, F-003 & F-005.

Waste Disposal Methods: IN LICENSED FACILITY ACCORDING TO FEDERAL/STATE/LOCAL ENVIRONMENTAL REGULATIONS. INCINERATION PREFERRED.

Handling And Storage Precautions: STORE IN WELL VENTED, COOL, DRY AREA. USE A LABELED CLOSED CONTAINER.

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Fire and Explosion Hazard Information
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Flash Poin

t Method: TCC

Flash Point Text: 60.0F,15.6C

Lower Limits: 1.2

Upper Limits: 8.0

Extinguishing Media: FOAM, DRY CHEMICAL, CARBON DIOXIDE.

Fire Fighting Procedures: USE SCBA W/FULLFACE PIECE UNDER POSITIVE PRESSURE.

Unusual Fire/Explosion Hazard: DANGER: HIGHLY FLAMMABLE MIXTURE. MAY EXPLODE W/HEAT IN CONFINED AREA.

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Control Measures
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Respiratory Protection: USE APPROVED AIR SUPPLIED RESPIRATOR.

Ventilation: ADEQUATE, EXPLOSION PROOF.

Protective Gloves: NITRILE, PVA.

Eye Protection: CHEMICAL GOGGLES, NO CONTACTS.

Other Protective Equipment: IMPERVIOUS PROTECTIVE CLOTHING.

Supplemental Safety and Health: (MORE INFORMATION ON FILE).

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Physical/Chemical Properties
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B.P. Text: NA

M.P/F.P Text: NA

Vapor Pres: NE

Vapor Density: NE

Spec Gravity: 0.957

PH: NA

Evaporation Rate

& Reference: NA

Solubility in Water: NA

Appearance and Odor: BLACK LIQUID, XYLENE ODOR.

Percent Volatiles by Volume: 54.0

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Reactivity Data
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Stability Indicator: YES

Materials To Avoid: STRONG OXIDIZERS.

Hazardous Decomposition Products: CO, CO2, NOX, TRACES OF HCN & UNIDENTIFIED ORGANICS.

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: DO431

Trans ID NO: 72586

Product ID: 81C20

MSDS Prepared Date: 03/01/1996

Review Date: 06/24/1997

MFN: 7

Multiple KIT Number: 0

Kit Part IND: Y

Review IND: Y

Unit Of Issue: KT

Container QTY: 1

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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: 242

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: 81C20
Cage: DO431
Assigned IND: Y
Company Name: LORAL ENGINEERED FABICS
Street: 669 GOODYEAR STREET
City: ROCKMART GA
Zipcode: 30153
Health Emergency Phone: 800-424-9300/216-796-5999
Label Required IND: Y
Date Of Label Review: 10/12/1999
Status Code: A
Origination Code: G
Hazard And Precautions: ACUTE: SKIN: IRRITATION, (RED, SWELL, RASH, SCALE,
BLISTER). EYE: IRRITATION, (TEAR, RED

, SWELL). INHAL: IRRITATION TO NOSE/THROAT/LUNGS. RUNY NOSE, SORE THROAT, COUGHING, CHEST DISCOMFORT, SHORTNESS OF BREATH. BRONCHOSPASM, PULMONARY EDEMA, SENSITIZATION, ASTHMA-LIKE SYMPTOMS, UNCONSCIOUSNESS & ASPHYXIATION. *

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