

LORD CORP CHEMICAL PRODUCTS GR -- CHEMLOK 205 ELASTOMER ADHESIVE

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MSDS Safety Information
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FSC: 8040
NIIN: 00-142-8836
MSDS Date: 02/01/1995
MSDS Num: CBQDC
Product ID: CHEMLOK 205 ELASTOMER ADHESIVE
MFN: 04
Responsible Party
Cage: 30676
Name: LORD CORP CHEMICAL PRODUCTS GROUP
Address: 2000 W GRANDVIEW BLVD
Box: 10038
City: ERIE PA 16514-0036
Info Phone Number: 814-868-3611
Emergency Phone Number: 814-763-2345
Review Ind: Y
Published: Y

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Contractor Summary
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Cage: 30676
Name: LORD CORPORATION, CHEMICAL PRODUCTS DIVISION
Address: 2000 WEST GRANDVIEW BLVD
City: ERIE PA 16514-0038
Phone: 814-868-3611
Cage: NO718
Name: R.D. ABBOTT CO.,INC (310-434-9941)
Address: UNKNOWN
Box: UNKNOWN
City: UNKNOWN
N NK 00000
Phone: UNKNOWN

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Item Description Information
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Item Manager: GSA
Item Name: ADHESIVE
Specification Number: UNKNOWN
Unit of Issue: GL
UI Container Qty: 0
Type of Container: CAN

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Ingredients
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Cas: 108-10-1
RTECS #: SA9275000
Name: METHYL ISOBUTYL KETONE (HEXONE) (SARA

313) (CERCLA)

% Wt: <60

Other REC Limits: NONE RECOMMENDED

OSHA PEL: 100 PPM

ACGIH TLV: 50 PPM/75 STEL; 9596

EPA Rpt Qty: 5000 LBS

DOT Rpt Qty: 5000 LBS

Cas: 1330-20-7

RTECS #: ZE2100000

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

% Wt: >15

Other REC Limits: NONE RECOMMENDED

OSHA PEL: 100 PPM

ACGIH TLV: 100 PPM/150STEL;9596

EPA Rpt Qty: 1000 LBS

DOT Rpt Qty: 1000 LBS

Cas: 100-41-4

RTECS #: DA0700000

Name: ETHYL BENZENE

(SARA 313)

% Wt: >3.0

Other REC Limits: NONE RECOMMENDED

OSHA PEL: 100 PPM

ACGIH TLV: 100 PPM/125STEL;9596

EPA Rpt Qty: 1000 LBS

DOT Rpt Qty: 1000 LBS

Cas: 78-93-3

RTECS #: EL6475000

Name: METHYL ETHYL KETONE (2-BUTANONE) (MEK) (SARA 313) (CERCLA)

% Wt: >2.0

Other REC Limits: NONE RECOMMENDED

OSHA PEL: 200 PPM

ACGIH TLV: 200 PPM/300STEL;9596

EPA Rpt Qty: 5000 LBS

DOT Rpt Qty: 5000 LBS

Cas: 50-00-0

RTECS #: LP8925000

Name: FORMAL

DEHYDE (SARA 302/313) (CERCLA)

% Wt: >1.0

Other REC Limits: NONE RECOMMENDED

OSHA PEL: SEE 1910.1048

ACGIH TLV: C 0.3 PPM, A2; 9596

EPA Rpt Qty: 100 LBS

DOT Rpt Qty: 100 LBS

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Health Hazards Data
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LD50 LC50 Mixture: NONE SPECIFIED BY MANUFACTURER.

Route Of Entry Inds - Inhalation: YES

Skin: YES

Ingestion: YES

Carcinogenicity Inds - NTP: YES

IARC: YES

OSHA: YES

Effects of Exposure: EYE

:IRIT. SKIN:MAY CAUSE SKIN SENSITIZATION.MAY CAUSE

DERMATITIS.CAUSES IRRIT. INHAL:POSSIBLE RESP SYS IRRIT CAUSING VARIETY OF SYMPTOMS.MAY CAUSE CNS DEPRESSION.EXPO TO FORMALDEHYDE MAY CAUSE DRY, SORE THROAT;ITCHING/BURNING OF NOSE;NASAL CONGESTION;COUGH;CHEST TIGHTNESS;WHEEZING.MAY CAUSE RESP SENS. INGEST:(SUPPLEM)

Explanation Of Carcinogenicity: PER MSDS:FORMALDEHYDE PRESENT. CALIFORNIA PROP 65.

Signs And Symptoms Of Overexposure: EYE/SKIN IRRIT. SKIN/RESP SENSITIZATION. DERMATITI

S. DRYNESS OF THROAT,TIGHTNESS OF CHEST,SHORTNESS OF BREATH.

HEADACHE,DIZZINESS,STAGGERING GAIT,CONFUSION,UNCONSC,COMA. LIVER/KIDNEY DMG,PERM CNS DMG, EFFECTS GI SYS,BLOOD/BLOOD-FORMING ORGANS,

Medical Cond Aggravated By Exposure: NONE SPECIFIED BY MANUFACTURER.

First Aid: EYE:FLUSH IMMEDIATELY W/LOTS OF WATER @LEAST 15MINS,HOLD EYELID OPEN.GET IMMEDIATE MED ATTENTION.SKIN:FLUSH W/LOTS OF WATER WHILE REMOVE CONTAMINATED CLOTH.WASH W/SOAP/WATER.SYMPTOMS OCCUR GET MED ATTENTION.INHAL:MOVE TO FRESH AIR.RESTORE/SUPPORT

RESPIRATORY CONT BREATHE DIFFICULT BREATHE GIVE OXYGEN.GET IMMEDIATE MED

ATTENTION.INGEST:DO NOT INDUCE VOMITING.GIVE 1 OR 2 GLASSES OF WATER/MILK.CALL DRUG/POISON CONTROL CENTER IMMEDIATELY.NEVER GIVE ANYTHING BY MOUTH IF UNCONSCIOUS

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Handling and Disposal
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Spill Release Procedures: KEEP NON-ESSENTIAL PEOPLE SAFE DISTANCE AWAY.REMOVE ALL IGNITION SOURCES.AVOID BREATH VAPOR.USE SCBA.NOTIFY APPROPRIATE AUTHORITIES IF NECESSARY.CONTAIN/REMOVE

REMOVE W/INERT ABSORBENT AMTL/NONSPARK TOOL.AVOID CONT

ACT.REF TO HAZ CAUT INFO IN MSDS BEF CLEANUP.

Neutralizing Agent: NONE SPECIFIED BY MANUFACTURER.

Waste Disposal Methods: DISPO SHOULD BE DONE IAW FED (40CFR PART 261)/STATE/LOC ENVIRO CNTRL REGS.IF WASTE DETERMINED TO BE HAZ USE LICENSED HAZ WASTE TRANSP & DISPO FACILITY.SARA SEC 313 TITLE III/40CFR 372:MIK >60%,XYLENE >15%,ETHYL BENZENE >3.0%,MEK >2.0%,FORMALDH >1.0%.

Handling And Storage Precautions: KEEP CLOSUR

E TIGHT/CNTNR UPRIGHT.GROUND/BOND

CNTNRS WHEN TRANSFER MATL.DON'T HNDLG TIL SASF PRECAUT READ/UNDERSTOOD.EMPTY CNTNR SHOULN'D BE REUSED.

Other Precautions: USE W/ADEQU VENTI.BECAUSE EMPTY CNTNR MAY RETAIN PROD RESIDUE/FLAMM VAP KEEP AWAY FRM HEAT/SPARK/ETC;DON'T CUT/PUNCTURE/WELD

ON/NEAR EMPTY CNTNR.NO SMOKE WHERE PROD

USE/STORE.FORMALDEHYDE(GAS)ENTRAPPE D IN PROD MAY BE RELEASE DURING HEAT/MIX

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Fire and Explosion Hazard Informatio

n

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Flash Point Method: SCC

Flash Point Text: 66.0F,18.9C

Autoignition Temp Text: ND

Lower Limits: 1.0

Upper Limits: 11.4

Extinguishing Media: CO2, DRY CHEM, FOAM, WATER FOG. OSHA FLAMM

CLASSIFICATION:FLAMM LIQ-CLASS IB.

Fire Fighting Procedures: KEEP FIRE-EXPO CNTRN COOL W/WATERSPRAY.WEAR FUL FIREFIGHT PROT CLOTH INCLUDE SCBA.WATERSPRAY MAY BE INEFFECTIVE.IF WATER USED FOG NOZ PREF.IRRIT &/OR TOX (SUPP)

Unusual Fire/Explosion Haza

rd: FLAMM LIQ/VAP.KEEP CNTNR TIGHTLY CLSD.ISOLATE FRM HEAT/ELECTR EQPMT/SPARK/OPN FLAME/IGN SOURCE.CLSD CNTNR MAY RUPTURE WHEN EXPO TO EXT HEAT.

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Control Measures

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Respiratory Protection: USE NIOSH/MSHA APPROVED CHEM/MECH FILTER RESP DESIGNED TO REMOVE BOTH PARTICULATES/ORG VAP IF OCCUPATIONAL LIMITS EXCEEDED.EMERG/CONFINED SPACE/OTHER CONDITIONS EXPO LIMITS GREATLY EXCEEDED

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SE APPROV ED AIR SUPPL RES.OBSERVE 29CFR1910.134.
Ventilation: PROVIDE SUFF VENTI IN PATTERN/VOL TO MAINTAIN AIR CONTAMIN LEVEL BEL EXPO LIMITS.SOLVT VAP HEAVIER THAT AIR/COLLECT.
Protective Gloves: NEOPRENE, NITRILE, RUBBER GLOVES.
Eye Protection: SAF GLASSES W/SIDE SHIELDS,CHEM GOGG.
Other Protective Equipment: USE DISPO/IMPERV CLOTH IF WORK CLOTH CONTAMIN LIKELY.REMVOE/WASH CONTAMIN CLOTH BEF REUSE.
Work Hygienic Practices: AVOID EYE/SKIN CONTACT/BREATH VAP/SPRAY MIST.WASH WELL AFT HND
LG/BEF EAT/SMOKE/TOILET.DON'T CONSUME FOOD/DRINK IN PROD
Supplemental Safety and Health: FIREFIGHT:GASES/PARTICULATE MAY BE GENERATED BY THERM DECOMP/COMBUST. HEALTH HAZ:HARMFUL.INGESTION NOT EXPECTED ROUTE OF ENTRY IN INDUSTRIAL/COMMERCIAL USES.CHRONIC:LIVER/KIDNEY/PERM CNS DMG,AFFECT GI SYS/BLOOD/BLOOD-FORMING ORGANS,DERM.

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Physical/Chemical Properties
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HCC: F2
Boiling Point: =
79.C, 174.2F
Vapor Pres: ND
Vapor Density: >AIR
Spec Gravity: 0.94
PH: NA
Evaporation Rate & Reference: SLOWER THAN ETHER
Solubility in Water: INSOLUBLE
Appearance and Odor: GRAY LIQUID, SOLVENT ODOR.
Percent Volatiles by Volume: 75.5

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Reactivity Data
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Stability Indicator: YES
Stability Condition To Avoid: HIGH TEMPERATURES. SOURCES OF IGNITION.
Materials To Avoid: STRONG OXIDIZE
RS, ACIDS, BASES, WATER.
Hazardous Decomposition Products: CARBON DIOXIDE, CARBON MONOXIDE, CHLORINE, HYDROGEN CHLORIDE, PHOSGENE, FORMALDEHYDE.
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: 30676
Trans ID NO: 50125
Product ID: CHEMLOK 205 ELASTOMER ADHESIVE
MSDS Prepared Date: 02/01/1995
Review Date: 08/22/1996
MFN: 4
Net Unit Weight: 7.8 LBS
Multiple KIT Number: 0
Review IND: Y
Unit Of Issue: GL
Container QTY: 0
Type Of Container: CAN
Additional Data: PER MSDS:TRANSP INFO DOT PROPER SHIPPING NAME:ADHESIVE, HAZ
CLASS:3, UN 1133, PGK II, EMERG RESP GUI DE NO 26.
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Detail DOT Information
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DOT PSN Code: AFR
DOT Proper Shipping Name: ADHESIVES,
DOT PSN Modifier: CONTAINING A FLAMMABLE LIQUID
Hazard Class: 3
UN ID Num: UN1133
DOT Packaging Group: II
Label: FLAMMABLE LIQUID
Special Provision: B52,T,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: AIH
IMO Proper Shipping Name: ADHESIVES,
IMO PSN Modifier: CONTAINING A FLAMMABLE LIQUID o
IMDG Page Number: 3174
UN Number: 1133
UN Hazard Class: 3.2
IMO Packaging Group: I/II*
Subsidiary Risk Label: -
EMS Number: 3-05
MED First Aid Guide NUM: 330
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Detail IATA Information
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IATA PSN Code: AKY
IATA UN ID Num: 1133
IATA Proper Shipping Name: ADHESIVES
IATA PSN
Modifier: ,CONTAINING FLAMMABLE LIQUID
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
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Detail AFI Information
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AFI PSN Code: AKY
AFI Proper Shipping Name: ADHESIVES
AFI PSN Modifier: ,CONTAINING FLAMMABLE LIQUID
AFI Hazard Class: 3
AFI UN ID NUM: UN1133
AFI Pa
cking Group: II
Special Provisions: P5
Back Pack Reference: A7.3
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HAZCOM Label
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Product ID: CHEMLOK 205 ELASTOMER ADHESIVE
Cage: 30676
Company Name: LORD CORPORATION, CHEMICAL PRODUCTS DIVISION
Street: 2000 WEST GRANDVIEW BLVD
City: ERIE PA
Zipcode: 16514-0038
Health Emergency Phone: 814-763-2345
Label Required IND: Y
Date Of Label Review: 08/22/1996
Status Code: C
Label Date: 08/22/199

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Origination Code: F
Chronic Hazard IND: Y
Eye Protection IND: YES
Skin Protection IND: YES
Signal Word: DANGER
Respiratory Protection IND: YES
Health Hazard: Moderate
Contact Hazard: Moderate
Fire Hazard: Severe
Reactivity Hazard: None

Hazard And Precautions: EYE:IRIT SKIN:SENS,DERM,IRRIT.INHAL:RESP SYS
IRRIT,VARIETY OF SYMPTOMS,CNS DEPRESS.EXPO TO FROMAZLDEHYDE MAY CAUSE
DRY,SORE THROAT;ITCH/BURN OF NOSE;NASAL CONGESTION;COUGH;CHEST
TIGHTNESS;WHEEZ.RESP S ENS.INGEST:HARMFUL.CHRONIC:LIVE
R/KIDNEY/PERM CNS
DMG,AFFECT GI,BLOOD,BLOOD-FORM ORG,DERM.1ST AID:EYE:FLUSH IMMEDIATE W/LOTS OF
WATER @LEAST 15MINS,EYELID OPN.GET IMMEDIATE MED ATTN.SKIN:FLUSH W/LOTS OF
WATER.R EMOVE CONTAMIN CLOTH.WASH W/SOAP/WATER.SYMPT OCCUR GET MED
ATTN.INHAL:MOVE TO FRESH AIR.RESTORE/SUPPORT CONT BREATH.DIFFI BREATH GIVE
OXY.GET IMMEDIATE MED ATTN.INGEST:DO NOT INDUCE VOMIT.GIVE 1-2 GLASSE OF
WATER/MILK.CALL DR/POIS CNTRL CNTR IMMEDIATE.

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