

LORD CORP. -- CHEMLOK 205, PRIMER

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MSDS Safety Information  
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FSC: 8040  
NIIN: 00-142-8836  
MSDS Date: 11/25/1996  
MSDS Num: CKFZM  
Product ID: CHEMLOK 205, PRIMER  
MFN: 01  
Responsible Party  
Cage: C1266  
Name: LORD CORP.  
Address: 2000 WEST GRANDVIEW BLVD  
City: EERIE PA 16514  
Info Phon  
e Number: 1-814-868-3611  
Emergency Phone Number: 1-814-763-2345  
Review Ind: Y  
Published: Y

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Contractor Summary  
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Cage: C1266  
Name: LORD CORP.  
Address: 2000 WEST GRANDVIEW BLVD  
City: EERIE PA 16514  
Phone: 1-814-868-3611

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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: 100-41-4  
RTECS #: DA0700000  
Name: ETHYLBENZENE  
&lt; Wt: 3.  
OSHA PEL: 100 PPM  
ACGIH TLV: 100 PPM  
ACGIH STEL: 125 PPM  
EPA Rpt Qty: 1000 LBS  
DOT Rpt Qty: 1000 LBS

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Cas: 50-00-0  
RTECS #: LP8925000  
Name: FORMALDEHYDE  
&lt; Wt: 1.  
OSHA PEL: 0.75 P

PM  
ACGIH TLV: 0.3 PPM  
EPA Rpt Qty: 100 LBS  
DOT Rpt Qty: 100 LBS  
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Cas: 78-93-3  
RTECS #: EL6475000  
Name: METHYL ETHYL KETONE  
&lt; Wt: 2.  
OSHA PEL: 200 PPM  
ACGIH TLV: 200 PPM  
ACGIH STEL: 300 PPM  
EPA Rpt Qty: 5000 LBS  
DOT Rpt Qty: 5000 LBS  
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Cas: 108-10-1  
RTECS #: SA9275000  
Name: METHYL ISOBUTYL KETONE  
&lt; Wt: 60.  
OSHA PEL: 100 PPM  
ACGIH TLV: 50 PPM  
ACGIH STEL: 75 PPM  
EPA Rpt Qty: 5000 LBS  
DOT Rpt Qty: 5000 LBS  
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Cas: 1330-20-7  
RTECS #: ZE2100000  
Name: XYLENE  
&lt; Wt: 15.  
OSHA PEL: 100 PPM  
ACGIH TLV: 100 PPM  
ACGIH STEL: 150 PPM  
EPA Rpt Qty: 1000 LBS  
DOT Rpt Qty: 1000 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: YES  
IARC: YES  
OSHA: YES  
Effects of Exposure: MAY CAUSE RESPIRATORY TRACT IRRITATION. VAPOR HARMFUL;  
MAY AFFECT

THE BRAIN OR NERVOUS SYSTEM CAUSING DIZZINESS, HEADACHE OR NAUSEA. CAUSES SKIN AND EYE IRRITATION. MAY CAUSE LIVER OR KIDNEY DAMAGE. REPEATED OR PROLONGED SOLVENT OVEREXPOSURE MAY RESULT IN PERMANENT CENTRAL NERVOUS SYSTEM DAMAGE. MAY AFFECT THE GASTROINTESTINAL SYSTEM. MAY AFFECT THE BLOOD AND BLOOD-FORMING ORGANS. CHRONIC SKIN CONTACT MAY CAUSE DERMATITIS.

Explanation Of Carcinogenicity: FORMALDEHYDE (GAS), ENTRAPPED IN THIS PRODUCT MAY BE RELEASED DURING HEATING AND MIXING. IT HAS BEEN IDENTIFIED BY NTP, IARC, AND OSHA AS A POTENTIAL HUMAN CARCINOGEN.

Signs And Symptoms Of Overexposure: EYE:IRRITATION.SKIN:MAY CAUSE SENSITIZATION,DERMATITIS&IRRITATION.INHALATION:POSSIBLE IRRITATION OF RESPIRATORY SYSTEM CAN OCCUR CAUSING VARIETY OF SYMPTOMS LIKE DRYNESS OF THROAT,TIGHTNESS OF CHEST,&SHORTNESS OF BREATH.MAY CAUSE CENTRAL NERVOUS SYSTEM DEPRESSION CHARACTERIZED BY FOLLOWING PROGRESSIVE STEPS:HEADACHE,DIZZINESS,STAGGERING GAIT,CONFUSION, UNCONSCIOUSNESS/COMA.EXPOSURE TO FORMALDEHYDE MAY CAUSE DRY,SORE THROAT;ITCHING&BURNING OF NOSE;NASAL CONGESTION;COUGH;CHEST TIGHTNESS;&WHEEZING.MAY CAUSE RESPIRATORY SENSITIZATION.INGESTION:HARMFUL IF SWALLOWED.NOT AN EXPECTED ROUTE OF ENTRY IN INDUSTRIAL OR COMMERCIAL USES.

First Aid: EYE:FLUSH IMMEDIATELY W/LARGE AMOUNT OF WATER@LEAST 15 MINUTES HOLDING EYELIDS OPEN WHILE FLUSHING.GET PROMPT MEDICAL ATTENTION.SKIN:FLUSH CONTAMINATED SKIN W/LARGE AMOUNTS OF WATER WHILE REMOVING CONTAMINATED CLOTHING.WASH AFFECTED AREAS W/SOAP&WATER.GET MEDICAL ATTENTION IF SYMPTOMS OCCUR.INHALATION:MOVE PERSON TO FRESH AIR.RESTORE&SUPPORT CONTINUED BREATHING.IF BREATHING IS DIFFICULT,GIVE OXYGEN.GET IMMEDIATE MEDICAL ATTENTION.INGESTION:DO NOT INDUCE VOMITING.GIVE VICTIM 1-2GLASSES WATER/MILK.CALL PHYSICIAN/POISON CONTROL CENTER IMMEDIATELY.NEVER GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON.

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Handling  
and Disposal  
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Spill Release Procedures: KEEP NON-ESSENTIAL PERSONNEL SAFE DISTANCE AWAY.REMOVE SOURCES OF IGNITION (FLAME,HOT SURFACES,&ELECTRICAL,STATIC/FRICTIONAL SPARKS).AVOID BREATHING VAPORS.USE SCBA.NOTIFY APPROPRIATE AUTHORITIES IF NECESSARY.CONTAIN&REMOVE W/INERT ABSORBENT MATERIAL&NON-SPARKING TOOLS.AVOID CONTACT.BEFORE ATTEMPTING CLEANUP,REFER TO HAZARD CAUTION INFORMATION IN OTHER SECTIONS OF THE MSDS FOR

M.

Waste Disposal Methods: DISPOSAL SHOULD BE DONE IN ACCORDANCE WITH FEDERAL (40 CFR PART 261), STATE AND LOCAL ENVIRONMENTAL CONTROL REGULATIONS. IF WAST IS DETERMINED TO BE HAZARDOUS, USE LICENSED HAZARDOUS WASTE TRANSPORTE R AND DISPOSAL FACILITY.

Handling And Storage Precautions: DO NOT STORE OR USE NEAR HEAT, SPARKS OR OPEN FLAME. REFER TO OSHA 29 CFR PART 1910.106 :FLAMMABLE AND COMBUSTIBLE LIQUIDS: FOR SPECIFIC STORAGE REQUIRMENTS. STORE ONLY IN WELL-VENTILATED AREAS. DO NOT PUNCTURE, DRAG, OR SLIDE CONTAINER. KEEP CONTAINER CLOSED WHEN NOT IN USE.

Other Precautions: KEEP TIGHTLY CLOSED&UPRGHT-PREVNT LEAK.GROUND&BOND WH-TRANSFERRING MTERIAL.AVOID SKIN&EYE CNTACT.WASH AFT.USE.AVOID BREATHNG VPOR/SPRAY MSTS.DON'T USE UNTIL SFETY PRCAUTIONS ARE READ&UNDRSTOOD.EMPTY CNTA INERS?HAVE PRODCT RESDUE&FLAMMBLE VPORS,AVOID HEAT,SPRKS&FLME;DON'T CUT,PUNCTRE/WELD NEAR EMPTY CNTA INER.DON'T SMOKE.

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### Fire and Explosion Hazard Information

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Flash Point: =18.9C, 66.F

Flash Point Text: 66F

Lower Limits: 1

Upper Limits: 11.4

Extinguishing Media: CO2, DRY CHEMICAL, FOAM, WATER FOG

Fire Fighting Procedures: WEAR FULL FIREFIGHTING PROTECTIVE CLOTHIN, INCLUDING SELF-CONTAINED BREATHING APPARATUS (SCBA). WATER SPRAY MAY BE INEFFECTIVE. IF WATER IS USED, FOG NOZZLES ARE PREFERABLE. DURING A FIRE, IRRITATING AND OR TOXIC GASES AND PARTICULATES MAY BE GENERATED BY THERMAL DECOMPOSITION OR COMBUSTION.

Unusual Fire/Explosion Hazard: FLAMMABLE LIQUID AND VAPOR. KEEP CONTAINERS TIGHTLY CLOSED. ISOLATE FROM HEAT, ELECTICAL EQUIPMENT, SPARKS, OPEN FLAME, AND OTHER SOURCES OF IGNITION. CLOSED CONTAINERS MAY RUPTURE WHEN EXPOSED TO EXTREME HEAT. USE WATER SPRAY TO KEEP FIRE EXPOSED CONTAINERS COOL.

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### Control Measures

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Respiratory Protection: USE NIOSH/MSHA APPROVED CHEMICAL/MECHANICAL FILTER RESPIRATOR DESIGNED-REMOVE COMBINATION OF PARTICULATES&ORGANIC VAPOR IF OCCUPATIONAL LIMITS EXCEEDED.FOR EMERGENCY SITUATIONS,CONFINED SPACE USE,/OTHER CONDITIONS WHERE EXPOSURE LIMITS MAY BE GREATLY EXCEEDED,USE APPROVED AIR-SUPPLIED RESPIRATOR.OBSERVE OSHA REGULATIONS(29 CFR1910.134)FOR RESPIRATOR USE.

Ventilation: SUFFICIENT VENTILATION IN PATTERN AND VOLUME SHOULD BE PROVIDED IN ORDER TO MA

INTAIN AIR CONTAMINANT LEVELS BELOW RECOMMENDED EXPOSURE LIMITS.

Protective Gloves: USE NEOPRENE, NITRILE, OR RUBBER GLOVES TO PREVENT SKIN CONTACT.

Eye Protection: SAFETY GLASSES WITH SIDE SHIELDS AND CHEMICAL GOGGLES

Other Protective Equipment: USE A DISPOSABLE OR IMPERVIOUS CLOTHING IF WORK CLOTHING CONTAMINATION IS LIKELY. REMOVE AND WASH CONTAMINATED CLOTHING BEFORE REUSE.

Work Hygienic Practices: WASH HANDS BEFORE EATING, SMOKING/USING TOILET. DO NOT SMOKE IN CHEMICAL HANDLING/STORAGE AREA. FOOD/DRINKS SHOULD NOT BE CONSUMED

WHERE PRODUCT IS HANDLED/STORED. WASH THOROUGHLY AFTER HANDLING.

Supplemental Safety and Health: SOLVENT VAPORS ARE HEAVIER THAN AIR AND COLLECT IN LOWER LEVELS OF THE WORK AREA. SUFFICIENT VENTILATION (USING EXPLOSION-PROOF EQUIPMENT) SHOULD BE PROVIDED TO PREVENT FLAMMABLE VAPOR/AIR MIXTURES FROM ACCUMULATING.

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Physical/Chemical Properties

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Boiling Point: >79.4C, 175.F

B.P. Text: 175-282

Vapor Density: >AIR

Volatile Org Content %: 76

Spec Gravity: 0.94

Evaporation Rate & Reference: SLOWER THAN ETHER

Solubility in Water: INSOLUBLE

Appearance and Odor: GRAY LIQUID/SOLVENT ODOR

Percent Volatiles by Volume: 86.9

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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 OXIDIZERS, ACIDS, BASES, WATER

Hazardous Decomposition Products: CO<sub>2</sub>, CO, CHLORINE, HYDROGEN CHLORIDE, PHOSGENE, FORMALDEHYDE.

Hazardous Polymerization Indicator: NO

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Toxicological Information

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MSDS Transport Information

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DOT NAME

: ADHESIVE UN #: 1133 DOT HAZARD CLASS: 3 EMERGENCY RESPONSE  
GUIDE NUMBER: 26 PACKING GROUP: II DOT NAME: ADHESIVE UN #: 1133  
DOT HAZARD CLASS: 3 EMERGENCY RESPONSE GUIDE NUMBER: 26 PACKING GROUP:  
II TOXIC SUBSTANCES CONTROL ACT: EXPORT NOTIFICATION: THIS PRODUCT  
CONTAINS THE FOLLOWING CHEMICAL SUBSTANCES SUBJECT OF THE REPORTING  
REQUIREMENTS OF TSCA 12(B) IF EXPORTED FROM THE UNITED STATES: 1) METHYL  
ISOBUTYL KETONE INTERNATIONAL REGULATIONS: AS FOLLOWS

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Regulatory Information  
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Other Information  
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Other Information: RATINGS: HEALTH: 2; FLAMMABILITY: 3, REACTIVITY: 0  
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Transportation Information  
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Responsible

Party Cage: C1266  
Trans ID NO: 152213  
Product ID: CHEMLOK 205, PRIMER  
MSDS Prepared Date: 11/25/1996  
Review Date: 03/01/2000  
MFN: 1  
Multiple KIT Number: 0  
Unit Of Issue: GL  
Container QTY: 0  
Type Of Container: CAN  
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Detail DOT Information  
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DOT PSN Code: AFT  
DOT Proper Shipping Name: ADHESIVES,  
DOT PSN Modifier: CONTAINING A FLAMMABLE LIQUID  
Hazard Class: 3  
UN ID Num: UN1133  
DOT Packagin  
g Group: III  
Label: FLAMMABLE LIQUID  
Special Provision: B1,B52,T7,T30  
Packaging Exception: 150  
Non Bulk Pack: 173  
Bulk Pack: 242  
Max Qty Pass: 60 L  
Max Qty Cargo: 220 L  
Vessel Stow Req: A  
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Detail IMO Information  
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IMO PSN Code: AIL  
IMO Proper Shipping Name: ADHESIVES,  
IMO PSN Modifier: CONTAINING A FLAMMABLE LIQUID o  
IMDG Page Number: 3302  
UN Number: 1133  
UN Hazard Class: 3.3  
IMO Packagi

ng Group: III  
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: ALD  
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: III  
Packing Note Passenger: 309  
Max Quant Pass: 60L  
Max Quant Cargo: 220L  
Packaging Note  
Cargo: 310

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Detail AFI Information  
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AFI PSN Code: ALD  
AFI Proper Shipping Name: ADHESIVES  
AFI PSN Modifier: ,CONTAINING FLAMMABLE LIQUID  
AFI Hazard Class: 3  
AFI UN ID NUM: UN1133  
AFI Packing Group: III  
Special Provisions: P5

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HAZCOM Label  
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Product ID: CHEMLOK 205, PRIMER  
Cage:  
C1266  
Company Name: LORD CORP.  
Street: 2000 WEST GRANDVIEW BLVD  
City: EERIE PA  
Zipcode: 16514  
Health Emergency Phone: 1-814-763-2345  
Label Required IND: Y  
Date Of Label Review: 04/03/2000  
Status Code: A  
Origination Code: G  
Hazard And Precautions: MAY CAUSE RESPIRATORY TRACT IRRITATION. VAPOR HARMFUL;  
MAY AFFECT THE BRAIN OR NERVOUS SYSTEM CCUAUSING DIZZINESS, HEADACHE OR  
NAUSEA. CAUSES SKIN AND EYE IRRITATION. MAY CAUSE LIVER OR KIDNE Y  
DAMAGE. REPEATED OR PROLONGED SOLVENT OVEREXPOS

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CENTRAL NERVOUS SYSTEM DAMAGE. MAY AFFECT THE GASTROINTESTINAL SYSTEM. MAY  
AFFECT THE BLOOD AND BLOOD-FORMING ORGANS. C HRONIC SKIN CONTACT MAY CAUSE  
DERMATITIS.

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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  
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