

CONAP INC -- CONATHANE CE-1155 URETHANE PREPOLYMER PART -- 8030-00-458-5666

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Product Identification
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Product ID:CONATHANE CE-1155 URETHANE PREPOLYMER PART

MSDS Date:07/04/1992

FSC:8030

NIIN:00-458-5666

Kit Part:Y

MSDS Number: BQSFB

=== Responsible Party ===

Company Name:CONAP INC

Address:1405 BUFFALO ST

City:OLEAN

State:NY

ZIP:14760

Country:US

Info Phone Num:716-372-9650

Emergency Phone

Num:800-424-9300 (CHEMTREC)

Preparer's Name:MARVIN A. FRIEDMAN

CAGE:DO146

=== Contractor Identification ===

Company Name:CONAP INC

Address:1405 BUFFALO ST

City:OLEAN

State:NY

ZIP:14760-1139

Phone:716-372-9650

CAGE:DO146

Company Name:CONAP INC.,WHOLLY OWNED SUBSIDIARY OF CYTEC INDUSTRIES
INC.

Address:1405 BUFFALO STREET

Box:City:OLEAN

State:NY

ZIP:14760

Country:US

Phone:716-372-9650

CAGE:16245

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Composition/Information on Ingredients
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Ingred Name:XYLENE (SARA II

I). LD50: (ORAL, RAT) 4.3 G/KG.

CAS:1330-20-7

RTECS #:ZE2100000

Fraction by Wt: 15%

OSHA PEL:100 PPM;150 PPM STEL

ACGIH TLV:100 PPM;150 PPM STEL

EPA Rpt Qty:1000 LBS

DOT Rpt Qty:1000 LBS

Ingred Name:ISOCYANIC ACID, METHYL-M-PHENYLENE ESTER; (TOLUENE DIISOCYANATE) (TDI) (SARA III). LD50: (ORAL, RAT) 5.8-6.2 G/KG.

CAS:26471-62-5

RTECS #:NQ9490000

Fraction by Wt: 5,000 MG/KG.

Routes of Entry: Inhalation:YES Skin:NO Ingestion:YES

Reports of Carcinogenicity:NTP:YES IARC:YES OSHA:NO

Health

h Hazards Acute and Chronic:DIRECT CONT W/MATL MAY CAUSE MOD

EYE/MILD SKIN IRRIT.INHAL OVEREXP MAY CAUSE ALLERGIC RESP REACTION

& MAY CAUSE IRRIT OF RESP TRACT & EYES. RPTD/PRLNGD SKIN CONT

W/MATL MAY CAUSE ALLERGIC SKIN REACTIO NS. ACUTE:OVEREXPOS TO

XYLENE VAP MAY CAUSE RESP & EYE IRRIT, AS WELL AS

HDCH/NAUS/DIZZ/STAGGERING GAIT(EFTS OF OVEREXP)

Explanation of Carcinogenicity:TOLUENE DIISOCYANATE: GROUP 2B

(IARC),IARC MONOGRAPHS VOLUME SUPPLEMENT 7. PAGE 86, 1987;

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ANTICIPATED TO BE (ING 9)

Effects of Overexposure:HLTH HAZ:& FATG.RPTD OVEREXP TO XYLENE MAY

CAUSE EFTS ON CNS.LIQ XYLENE IS MOD EYE/SKIN IRRITANT.ACUTE OVEREXP

TO TOLUENE DIISOCYANATE VAP MAY CAUSE SEV RESP IRRIT.RPTD OVEREXP

TO LOW LVLS MAY CAUSE R ESP SENSIT & ALLERGIC REACTIONS.RESP SENSIT

MANIFESTS ITSELF AS SEV BRTHG DFCLTY SIMILAR TO ASTHMA.THIS

REACTION (ING 4)

Medical Cond Aggravated by Exposure:NONE SPECIFIED BY MANUFACTURER.

==== First Aid Measu

res =====

First Aid:SKIN:IMMED WASH W/SOAP & WATER.REMOVE CONTAMD CLTHG & SHOES.OBTAIN MD ATTN.DESTROY/THORO CLEAN SHOES BEFORE REUSE.DO NOT REUSE CONTAMD CLTHG W/OUT LAUNDERING.EYE:IMMED IRRIGATE W/PLENTY OF WATER FOR @ LST 15 MIN.OBTAIN MD ATTN IF IRRIT PERSISTS.INHAL:MOVE FROM EXPOS.ADMIN OXYGEN IF THERE IS DFCLTY IN BRTHG.GIVE ARTF RESP IF NOT BRTHG & CONTINUE UNTIL NORM BRTHG IS ESTABLISHED.OBTAIN MED(SUPP DATA)

==== Fire Fight

ing Measures =====

Flash Point Method:SCC

Flash Point:82.0F,27.8C

Extinguishing Media:USE CARBON DIOXIDE, DRY CHEMICAL, WATER SPRAY OR ALCOHOL FOAM TO EXTINGUISH FIRES.

Fire Fighting Procedures:WEAR NIOSH/MSHA APPRVD SCBA & FULL PROT EQUIP .IF WATER SPRAY OR ALCOHOL FOAM IS USED, IT SHLD BE IN LG QTYS. USE WATER TO KEEP FIRE EXPOSED CNTNRS COOL.

Unusual Fire/Explosion Hazard:WATER/ALCOHOL FOAM MAY REACT VIGOROUSLY W/HOT ISOCYANATE RELEASING CARBON DIOXIDE. DO NO

T RESEAL

CONTAMINATED CNTNRS SINCE PRESS BUILD-UP MAY CAUSE RUPTURE.

===== Accidental Release Measures =====

Spill Release Procedures:WHERE EXPOS LVL IS NOT KNOWN, WEAR NIOSH/MSHA APPRVD, POS PRESS, SELF-CONTAINED RESP.WHERE EXPOS LVL IS KNOWN, WEAR NIOSH/MSHA APPRVD RESP SUITABLE FOR LVL OF EXPOS.IN ADDITION TO PROT CLTHG/EQUIP LIS TED UNDER CONTROL MEASURES, WEAR IMPERV(SUPP DATA)

Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

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===== Handling and Storage =====

Handling and Storage Precautions:KEEP AWAY FROM HEAT/SPKS/FLAME.AVOID BRTHG VAP.AVOID PRLNGD/RPTD CONT W/SKIN.AVOID CONT W/EYES.USE W/ADEQ VENT.DO NOT ALLOW WATER OR OTHER (SUPP DATA)

Other Precautions:AREAS CONTAINING MATL SHLD HAVE FIRE-SAFE PRACTICES & ELEC EQUIP I/A/W ELECTRICAL & FIRE PROT CODES (NFPA-30) GOVERNING CLASS I FLAMMABLES. FOOD, BEVERAGES & TOBACCO PRODS SHLD NOT BE CARRIED, STORED/ CONSUMED WHERE MATL IS IN USE.

===== Exposure Controls/Personal Protection =====

Respiratory Protection:WHERE EXPOSURES ARE BELOW THE PEL, NO RESPIRATORY PROTECTION IS REQUIRED. WHERE EXPOSURES EXCEED THE PEL, USE RESPIRATOR APPROVED BY NIOSH/MSHA FOR THE MATERIAL AND LEVEL OF EXPOSURE. SEE "GUIDE TO IN DUSTRIAL RESPIRATORY PROT" (NIOSH).

Ventilation:WHERE MATL IS NOT USED IN A CLSD SYSTEM, GOOD ENCLOSURE & LOCAL EXHAUST VENT SHOULD BE PROVIDED TO CONTROL EXPOSURE.

Protective Glo

ves:IMPERVIOUS GLOVES.

Eye Protection:CHEM WORK GOG/FULL LGTH FSHLD .

Other Protective Equipment:APRON, WORKPANTS, LONG SLEEVE WORK SHIRT/DISPOSABLE COVERALLS ARE RECD TO PVNT SKIN CONT. EYEWASH EQUIP & SAFETY SHOWER.

Work Hygienic Practices:WASH THORO AFTER HANDLING. BEFORE EATING, DRINKING/SMOKING, WASH FACE & HANDS W/SOAP & WATER. SHOWER AFTER (ING 7)

Supplemental Safety and Health

MATLS TO AVOID:& PHOSPHORUS CONTAINING MATLS. FIRST AID PROC: ATTN W/OUT DELAY.INGEST:CALL M

D IMMED .SPILL PROC:BOOTS.COVER SPILLS

W/SOME INERT ABSORB MATL;SWEEP UP & PLACE IN WASTE DISP CNTNR.F LUSH AREA W/WATER.HNDLG/STOR PREC:LIQS TO GET INTO CNTNR.CONTAM/EXCESS HEAT MAY RSLT IN DANGEROUS PRESSURE.

===== Physical/Chemical Properties =====

Boiling Pt:B.P. Text:>280F,>138C

Spec Gravity:1.13

Evaporation Rate & Reference: