

CONAP INC -- CONATHANE CE-1155 PART A URETHANE PREPOLYMER -- 5970-01-386-7426

===== Product Identification =====

Product ID:CONATHANE CE-1155 PART A URETHANE PREPOLYMER

MSDS Date:03/10/1994

FSC:5970

NIIN:01-386-7426

Kit Part:Y

MSDS Number: CBRBR

=== 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 Ph

one Num:202-483-7616;800-424-9300(CHEMTREC)

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

===== Composition/Information on Ingredients =====

Ingred Name:ACETIC ACID, 2-METHOXY-1-METHYLETHYL

ESTER;

(1-METHOXY-2-PROPANOL ACETATE). LD50: (ORAL, RAT) 8532 MG/KG.

CAS:108-65-6

RTECS #:AI8925000

Fraction by Wt: 25%

OSHA PEL:N/K

ACGIH TLV:N/K

Ingred Name:XYLENE (SARA 313) (CERCLA). LD50: (ORAL, RAT) 4.3 G/KG

CAS:1330-20-7

RTECS #:ZE2100000

Fraction by Wt: 15%

OSHA PEL:100 PPM

ACGIH TLV:100 PPM; 150 STEL

EPA Rpt Qty:1000 LBS

DOT Rpt Qty:1000 LBS

Ingred Name:ISOCYANIC ACID, METHYL-M-PHENYLENE ESTER; (TOLUENE DIISOCYANATE) (SARA 313) (CERCLA). LD50: (ORAL, RAT) 5.8-6.2 G/KG.

CA

S:26471-62-5

RTECS #:NQ9490000

Fraction by Wt: 5,000 MG/KG

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

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

Health Hazards Acute and Chronic:DIRECT CNTCT W/MATL MAY CAUSE MOD EYE & MILD SKIN IRRIT. INHAL OVEREXP MAY CAUSE ALLERGIC RESP RXN & IRRIT OF RESP TRACT & EYES. RPTD/PRLNGD DERMAL CNTCT W/MATL MAY CAUSE ALLERGIC SKIN RXNS. 1-METHOXY -2-PROPANOL ACETATE CAN CAUSE MOD EYE &MILD SKIN IRRIT. LIQ XYLENE IS SEV EYE

& MOD SKIN

IRRITANT. (EFTS OF OVEREXP)

Explanation of Carcinogenicity:TOLUENE DIISOCYANATE:IARC MONO, SUPP, VOL 7, PG 56, 1987:GRP 2B. NTP 7TH ANNUAL RPT ON CARCINS, 1994:ANTIC TO BE CARCIN.

Effects of Overexposure:HLTH HAZ: ACUTE OVEREXP TO XYLENE VAP MAY CAUSE RESP & EYE IRRIT, HDCH, NAUS, DIZZ, STAG GAIT & FATG. RPTD OVEREXP TO XYLENE MAY CAUSE REVERSIBLE EYE DMG, PERIPHERAL & CENTRAL NEUROPATHY. CHRONIC EXPO S TO HIGH CONCS OF XYLENE MAY CAUSE LIVER & KIDNEY DMG.

ACUTE OVEREXP TO TOLUENE DIISOCYANATE VAP MAY CAUSE
SEV (SUPDAT)

Medical Cond Aggravated by Exposure:NONE SPECIFIED BY MANUFACTURER.

===== First Aid Measures =====

First Aid:INGEST: CALL MD IMMED . SKIN: IMMED WASH AFFECTED AREAS
W/SOAP & PLENTY OF WATER. REMOVE CONTAMD CLTHG & SHOES. OBTAIN MED
ATTN. DESTROY OR THORO CLEAN SHOES BEFORE REUSE. DO NOT REUSE
CONTAMD C LTHG W/OUT LAUNDERING. EYES: IMMED IRRIGATE W/PLENTY OF
WATER FOR AT LE

AST 15 MIN. OBTAIN MED ATTN IF IRRIT PERSISTS.

INHAL: REMOVE FROM EXPOS. ADMIN OXYGEN IF DFCLTY BRTHG. GIVE ARTF
RESP IF (ING 6)

===== Fire Fighting Measures =====

Flash Point Method:SCC

Flash Point:82.0F,27.8C

Extinguishing Media:USE CO*2, DRY CHEM, WATER SPRAY OR ALCOHOL FOAM TO
EXTING FIRES. IF WATER SPRAY/ALCOHOL FOAM IS USED, IT SHOULD
(SUPDAT)

Fire Fighting Procedures:USE NIOSH/MSHA APPROVED SCBA AND FULL
PROTECTIVE EQUIPMENT . USE WA
TER TO KEEP FIRE-EXPOSED CONTAINERS
COOL.

Unusual Fire/Explosion Hazard:DO NOT RESEAL CONTAMINATED CONTAINERS
SINCE PRESSURE BUILDUP MAY CAUSE RUPTURE.

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

Spill Release Procedures:WHERE EXPOS LEVEL IS NOT KNOWN, WEAR
NIOSH/MSHA APPRVD POS PRESS, SELF-CONTAINED RESP. WHERE LEVEL IS
KNOWN, WEAR NIOSH/MSHA APPRVD RESP SUITABLE FOR LEVEL OF EXPOS. IN
ADDN TO PROT CLTHG/EQUIP LISTED , WEAR IMPERVIOUS BOOTS. COVER

SPILLS WITH (ING 7)

Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

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

Handling and Storage Precautions:KEEP AWAY FROM HEAT, SPKS & FLAME.
AVOID BRTHG VAP. AVOID PRLNGD/RPTD CNTCT W/SKIN. AVOID CNTCT
W/EYES. USE W/ADEQ VENT. WASH THORO AFTER HANDLING.

Other Precautions:DO NOT ALLOW WATER OR OTHER LIQUIDS TO GET INTO
CONTAINER. AREAS CONTAINING THIS MATERIAL SHOULD HAVE FIRE-SAFE
PRACTICES & ELECTRICAL EQUIPM

ENT IN ACCORDANCE WITH ELECTRICAL &
FIRE PROTECTION CODES (NFPA-30) GOVERNING CLASS 1 FLAMM LIQS.

===== 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 & LEVEL OF
EXPOSURES. SEE "GUIDE TO INDUSTRIAL RESPIRATORY PROTECTION"
(NIOSH).

Ventilation:WHERE THIS MATL IS NOT USED IN CLS
D SYS, GOOD ENCLOSURE &
LOC EXHST VENT SHOULD BE PROVIDED TO CONTROL EXPOS.

Protective Gloves:IMPERVIOUS GLOVES.

Eye Protection:ANSI APPRVD CHEM WORKERS GOGGLES .

Other Protective Equipment:ANSI APPRVD EYE WASH & DELUGE SHOWER .
APRON, WORKPANTS, LONG SLEEVE WORK SHIRT/DISPOSABLE COVERALLS ARE
RECOM.

Work Hygienic Practices:FOOD, BEVERAGES & TOBACCO PRODS SHOULD NOT BE
CARRIED, STORED OR CONSUMED WHERE THIS MATL IS IN USE. BEFORE (ING
8)

Supplemental Safety and Health
EXTING

MEDIA: BE IN LG QTYS. WATER/ALCOHOL FOAM MAY REACT VIGOROUSLY
W/HOT ISOCYANATE RELS CO*2. MATL TO AVOID: PHOSPHORUS CONTAINING
MATERIALS. EFTS OF OVEREXP: RESP IRRIT. RPTD OVEREXP TO LOW LEVELS
MAY CAUSE RESP SENSIT & ALLERGIC RXNS.RESP SENSIT MANIFESTS ITSELF
AS SEV BRTHG DFCLTY SIMILAR TO ASTHMA. RXN (ING 4)

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

HCC:F3

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

Spec Gravity:1.13

Evaporation Rate & Reference: