

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

CAGE:DO146

=== Contr

actor 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) 8

532 MG/KG.  
CAS:108-65-6  
RTECS #:A18925000  
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.  
CAS:26471-62-5  
RTECS #:NQ9490000  
Fraction by Wt: 5,000 MG/KG  
Route  
s 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 EXPOS TO HIGH CONCS OF XYLENE MAY CAUSE LIVER & KIDNEY DMG. ACUTE OVEREXP TO TOLUENE DIISOCYANATE VAP MAY CAUSE SEV (SUP

DAT)  
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 LEAST 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 WATER TO KEEP FIRE-EXPOSED CONTAINERS  
COOL.  
Unusual Fire/Explo  
sion 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 MANU  
FACTURER.

===== 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 EQUIPMENT 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 CLSD 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: