

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

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

Product ID:CONATHANE CE-1155 PART A URETHANE PREPOLYMER

MSDS Date:07/01/1993

FSC:8030

NIIN:00-458-5666

Kit Part:Y

MSDS Number: CCSSX

=== 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 P

hone 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

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

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; (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
Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES
Reports of Carcinogenicity:NTP:YES IARC:YES OSHA:NO
Health Hazards Acute and Chronic:

DIRECT CONTACT W/THIS MATL MAY CAUSE
MODERATE EYE & MILD SKIN IRRITATION. INHALATION OVEREXP MAY CAUSE
ALLERGIC RESPIRATORY REACTION. INHALATION OVEREXP MAY CAUSE
IRRITATION OF THE RESPIRATORY TRACT & EYES. RPTD/PRLNGD DERMAL
CONTACT W/THIS MATL MAY CAUSE ALLERGIC SKIN REACTIONS.
TOXICOLOGICAL INFO: (EFTS OF OVEREP)

Explanation of Carcinogenicity:TOLUENE DIISOCYANATE: IARC MONOGRAPHS,
SUPP, VOL 7, PG 56, 1987: GROUP 2B. NTP 7TH ANNUAL REPORT ON
CARCINOGENS,(SUPDAT)

E
Effects of Overexposure:HLTH HAZ: LIQ XYLENE IS SEVERE EYE & MODERATE
SKIN IRRITANT. ACUTE OVEREXP TO XYLENE VAP MAY CAUSE RESPIRATORY &
EYE IRRITATION, HEADACHE, NAUSEA, DIZZINESS, STAGGERED GAIT &
FATIGUE. RPTD OVEREXP TO XYLENE MAY CAUSE REVERSIBLE EYE DMG,
PERIPHERAL & CENTRAL NEUROPATHY. CHRONIC EXPOS TO HIGH CONCS OF
XYLENE MAY (SUPDAT)

Medical Cond Aggravated by Exposure:NONE SPECIFIED BY MANUFACTURER.

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

First Aid:INGEST: CALL MD IMMEDIATELY . SKIN: IMMED WASH AFFECTED AREAS
W/SOAP & PLENTY OF WATER. REMOVE CONTAMD CLTHG & SHOES. OBTAIN MED
ATTN. DESTROY OR THOROUGHLY CLEAN SHOES BEFORE REUSE. DO NOT REUSE
CONTAMD CLTHG W/OUT LAUNDERING. EYES:IMMEDIATELY IRRIGATE W/PLENTY
OF WATER FOR AT LEAST 15 MINUTES. OBTAIN MED ATTN IF IRRITATION
PERSISTS. INHAL: IF VAPORS OF THIS MATL IS INHALED, (ING 8)

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

Flash P

oint Method:SCC

Flash Point:82.0F,27.8C

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

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

Unusual Fire/Explosion Hazard:IF WATER SPRAY OR ALCOHOL FOAM IS USED, IT SHOULD BE IN LG QTYS. WATER OR ALCOHOL FOAM MAY REACT VIGOROUSLY W/HOT ISOCYANATE RELEASING CARBON DIOXIDE. (SUPDAT)

=====
Ac
cidental Release Measures =====

Spill Release Procedures:WHERE EXPOSURE LEVEL IS NOT KNOWN, WEAR NIOSH APPRVD, POSITIVE PRESSURE, SELF-CONTAINED RESPIRATOR. WHERE EXPOSURE LEVEL IS KNOWN, WEAR NIOSH APPRVD RESPIRATOR SUITABLE FOR LEVEL OF EXPOS. IN ADDITION TO PROT CLOTHING/EQUIPMENT LISTED, WEAR (ING 10)

Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

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

Handling and Storage Precautions:KEEP AWAY FROM HEAT, SPARKS & FLAME.

AVOID BREATHING VAPOR. AVOID PRLNGD/RPTD CONTACT W/SKIN. AVOID CONTACT W/EYES. USE W/ADEQUATE VENTILATION.

Other Precautions:WASH THOROUGHLY AFTER HANDLING. DO NOT ALLOW WATER OR OTHER LIQUIDS TO GET INTO CONTAINER. AREAS CONTAINING THIS MATL SHOULD HAVE FIRE-SAFE PRACTICES & ELEC EQUIP I/A/W ELEC & FIRE PROT CODES (NFPA-30) GOVERNING CLASS I FLAMMABLE LIQUIDS.

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

Respiratory Pro

tection:WHERE EXPOSURES ARE BELOW THE PERMISSIBLE EXPOSURE LIMIT (PEL), NO RESP PROTECTION IS REQUIRED. WHERE EXPOSURES EXCEED THE PEL, USE RESP APPRVD BY NIOSH FOR MATL & LEVEL OF EXPOSURE. SEE "GUIDE TO INDUSTRIAL RESPIRATORY PROTECTION" (NIOSH).

Ventilation:WHERE THIS MATL IS NOT USED IN A CLOSED SYSTEM, GOOD ENCLOSURE & LOC EXHST VENT SHOULD BE PROVIDED TO CONTROL EXPOSURE.

Protective Gloves:IMPERVIOUS GLOVES.

Eye Protection:ANSI APPRVD CHEM WORKERS GOGGS (ING 15)

Other

Protective Equipment:ANSI APPROVED EYE WASH & DELUGE SHOWER .
APRON, WORKPANTS, LONG SLEEVE WORK SHIRT OR DISPOSABLE COVERALLS
RECOMD.

Work Hygienic Practices:FOOD, BEVERAGES & TOBACCO PRODS SHOULD NOT NOT
BE CARRIED, STORED OR CONSUMED WHERE THIS MATL IS IN USE. BEFORE
(ING 12)

Supplemental Safety and Health

EXPLO HAZ: DO NOT RESEAL CONTAMD CNTNRS SINCE PRESS BUILD-UP MAY CAUSE
RUPTURE. MATL TO AVOID: & PHOSPHORUS CONTAINING MATLS. EXPLAN OF
CARCIN: 1994:ANTICIPATED TO B

E CARCINOGEN. EFTS OF OVEREXP: CAUS E

LIVER & KIDNEY DAMAGE. ACUTE OVEREXP TO TOLUENE DIISOCYANATE VAPOR
MAY CAUSE SEVERE RESPIRATORY IRRITATION. (ING 3)

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

HCC:F3

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

Spec Gravity:1.13

Evaporation Rate & Reference: