

CONAP INC -- CONATHANE CE-1155,PART A -- 5970-01-217-8835

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

Product ID:CONATHANE CE-1155,PART A

MSDS Date:02/01/1989

FSC:5970

NIIN:01-217-8835

Kit Part:Y

MSDS Number: BGQTN

=== Responsible Party ===

Company Name:CONAP INC

Address:1405 BUFFALO ST

City:OLEAN

State:NY

ZIP:14760

Info Phone Num:716-372-9650

Emergency Phone Num:716-372-9650

Preparer's Name:GEORGE C. KAR

PIN

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:XYLENES (O-,M-,P- ISOMERS) (SARA III)

CAS:1330-20-7

RTECS #:ZE2100000

Fracti

on by Wt: 15-30%
OSHA PEL:100 PPM/150 STEL
ACGIH TLV:100 PPM/150STEL;9192
EPA Rpt Qty:1000 LBS
DOT Rpt Qty:1000 LBS

Ingred Name:PROPYLENE GLYCOL MONOMETHYLETHER ACETATE (USE PEL/TLV FOR METHYL CELLOSOLVE ACETATE)(MFR INDICATES NO SKIN NOTATION)

CAS:108-65-6
RTECS #:AI8925000
Fraction by Wt: 20-30%
Other REC Limits:5 PPM SKIN

Ingred Name:TOLUENE-2,4-DIISOCYANATE (TDI) (SARA III)

CAS:584-84-9
RTECS #:CZ6300000
Fraction by Wt: 25GM/KG (100% RESIN)
Reports of Carcinogenicity:NTP:YES IARC:N
O OSHA:NO

Health Hazards Acute and Chronic:ACUTE:PRODUCT IS IRRITATING TO BODY TISSUES. TDI MAY ALSO SENSITIZE SOME INDIVIDUALS PRODUCING SYMPTOMS AT UNDECTABLE CONCENTRATIONS.CHRONIC:MAY PRODUCE PERMINENT CENTRAL NERVOUS SYSTEM DAMAGE (PAINTE RS SYNDROME) OR LIVER OR KIDNEY DAMAGE.

Explanation of Carcinogenicity:NTP REPORTS TOLUENE DIISOCYANATE IS CARCINOGENIC IN RATS. ALSO SEE ADD DATA.

Effects of Overexposure:EYE:SEVERE IRRITATION,TEARING.
SKIN:IRRITATION,DERMATITIS.

INHALED:RESPIRATORY IRRITATION,BURNING SENSATION,COUGHING,RUNNY NOSE,ASTHMA,PULMONARY EDEMA. *SENSITIZING*
INGESTED:G/I IRRITATION,NAUSEA, VO MITING,DIARRHEA. SYMPTOMS CAUSED BY SENSITIZATION MAY BE DELAYED SEVERAL HOURS.

Medical Cond Aggravated by Exposure:DERMATITIS,SKIN ALLGERIES,ECZEMA,ASTHMA AND OTHER RESPIRATORY DISORDERS. TOLUENE DIISOCYANATE SENSITIZATIONS.

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

First Aid:EYE:FLUSH WITH WATER 15 MIN,GET MEDICAL CARE.

SKIN:IMMEDIATELY REMOVE CONTAMINATED CLOTHING.WASH AREA WITH SOAP & WATER.LAUNDER CLOTHING BEFORE REUSE. INHALED:REMOVE FROM EXPOSURE.GIVE OXYGEN OR ARTIF ICIAL RESPIRATION AS NEEDED.GET MEDICALCARE FOR ANY ASTHMA-LIKE SYMPTOMS (MAY BE DELAYED).
INGESTED:DO NOT INDUCE VOMITING. IF CONSCIOUS,GIVE 1 GLASS OF MILK OR WATER. GET IMMEDIATE MEDICAL ATTENTION

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

Flash Point Method:TCC
Flash Point:

45F/7C

Extinguishing Media:CO*2, FOAM, DRY CHEM.

Fire Fighting Procedures:WEAR SCBA. ISOLATE FROM HEAT,ELECTRICAL EQUIPMENT,SPARKS & OPEN FLAME.

Unusual Fire/Explosion Hazard:CLOSED CONTAINERS MAY EXPLODE WHEN EXPOSED TO EXTREME HEAT OR BURST WHEN CONTAMINATED WITH WATER. VAPORS HEAVIER THAN AIR,MAY TRAVEL ALONG GROUND & FLASHBACK.

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

Spill Release Procedures:REMOVE IGNITION SOURCES,VENTILATE AREA WELL.ABSORB WITH VERMICULITE OR OTHER MATERIALS, SUCH AS SAWDUST,RAGS,PAPER & PLACE IN CLOSED CONTAINER. USE NON SPARKING TOOLS. WEAR PROPER PROTECTIVE EQUIPMENT DURING CLEAN UP.

Neutralizing Agent:NH*4OH(0-10%)+DETERGENT(2-5%)+BALANCE WTR OR SOLN OF TERGITOL TMN10 20%+WTR 80%

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

Handling and Storage Precautions:CLOSED CONTAINERS MAY EXPLODE WHEN EXPOSED TO EXTREME HEAT.STORE BETWEEN 32-122F(0-50C).STORE IN TIGHTLY CLOSED CONTAINER & PROTECT FROM MOISTURE.

Other Precautions:PROTECT FROM FOREIGN MATERIALS.AT MAXIMUM STORAGE TEMPERATURE NOTED,MATERIAL MAY SLOWLY POLIMERIZE WITHOUT HAZARD.IDEAL STORAGE TEMPERATURE RANGE IS 50-81F(10-27C).

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

Respiratory Protection:USE RESPIRATOR WITH CARTRIDGE FOR SOLVENT & ISOCYANATE UP TO RESPIRATOR LIMIT,OR SCBA ABOVE THAT LIMIT.

Ventilation:USE GENERAL VENT PLUS LOCAL EXHAUST AS NECESSARY TO MAINTAIN EXPOSURE BELOW PEL/TLV.EXHAUST MAY NEED TO BE SCRUBBED.

Protective Gloves:RUBBER/NEOPRENE

Eye Protection:GOGGLES/FACE SHIELD

Other Protective Equipment:SAFETY SHOWER & EYE BATH

Work Hygienic Practices:USE GOOD CHEMICAL PRACTICE. AVOID ALL UNNECESSARY CONTACT. **DO NOT WEAR CONTACT LENSES WHEN USING PRODUCT**

Supplemental Safety and Health

THIS IS PART A OF A TWO PART KIT. SEE NSN 5970-01-223-0782 FOR PART B. MFR ALSO SUPPLIES OTHER PRODUCTS TO THIS SPEC. ALSO SEE CE-1164, P/

N IND B, THIS NSN.

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

HCC:F2

Vapor Pres:3.7

Vapor Density:3.7 (XYL.)

Spec Gravity:1.05

Solubility in Water:REACTS WITH WATER!

Appearance and Odor:CLEAR YELLOW VISCOUS LIQUID,SOLVENT ODOR

Percent Volatiles by Volume:40%

===== Stability and Reactivity Data =====

Stability Indicator/Materials to Avoid:YES

WATER,ALCOHOL,AMINES,STRONG BASES,METAL COMPOUNDS OR SURFACE ACTIVE MATERIALS,STRONG OXIDIZERS.

Stability Condition to Avoid:MOISTURE,TEMPERATURES

>122F,HEAT,SPARKS,OPEN FLAMES

Hazardous Decomposition Products:CO,CO*2,HYDROGEN CYANIDE & OXIDES OF NITROGEN.

===== Disposal Considerations =====

Waste Disposal Methods:REACT WITH NEUTRALIZING AGENT BEFORE DISPOSAL. DECONTAMINATE EMPTY CONTAINERS BEFORE DISPOSAL. DISPOSE I/A/W FEDERAL,STATE,LOCAL REGULATIONS.

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