

UNIROYAL CHEMICAL CO.INC. -- ADIPRENE L-100 POLYURETHANE -- 8010-00-119-4883

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Product Identification
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Product ID:ADIPRENE L-100 POLYURETHANE

MSDS Date:10/25/1985

FSC:8010

NIIN:00-119-4883

MSDS Number: BGTJS

=== Responsible Party ===

Company Name:UNIROYAL CHEMICAL CO.INC.

Address:BENSON RD., WORLD HEADQUARTERS

City:MIDDLEBURY

State:CT

ZIP:06749

Info Phone Num:203-573-3303

Emergency Phone

Num:203-723-3670

CAGE:48346

=== Contractor Identification ===

Company Name:UNIROYAL CHEMICAL CO INC

Address:BENSON RD WORLD HQ

Box:City:MIDDLEBURY

State:CT

ZIP:06749

Country:US

Phone:203-573-3303

CAGE:48346

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Composition/Information on Ingredients
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Ingred Name:TOLUENE-2,4-DIISOCYANATE (TDI) (SARA III)

CAS:584-84-9

RTECS #:CZ6300000

Fraction by Wt: 0.2-4.0%

OSHA PEL:C,0.02 PPM/0.02 STEL

ACGIH TLV:0.005PPM/0.02STEL;93

EPA Rpt Qty:100 LBS

DOT Rpt Qty:100 LBS

Ingred N

ame:POLYURETHANE (PRODUCT OF REACTION OF TOLUENE DIISOCYANATE AND A POLYETHER)

Fraction by Wt: TO 100%

===== Hazards Identification =====

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

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

Health Hazards Acute and Chronic:TDI IS SENSITIZING AND MAY CAUSE ALLERGIC DERMATITIS OR ASTHMA WHEN ENCOUNTERED IN VERY SMALL QUANTITIES.

Explanation of Carcinogenicity:TDI TEST WAS GAVAGE. INHALATION T ESTS

HAVE NOT SHOWN POSITIVE CARCINOGENITY.

Effects of Overexposure:EYE:IRRITATION. SKIN:IRRITATION.

INGESTED:RESPIRATORY IRRITATION. INGESTED:NOT REPORTED *CONTACT BY ANY ROUTE MAY SENSITIZE AN INDIVIDUAL.*

Medical Cond Aggravated by Exposure:ASTHMA,DERMATITIS ESPECIALLY IN SENSITIZED PEOPLE.

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

First Aid:EYES:FLUSH WITH WATER 15 MIN. SKIN:WASH ALCOHOL, THEN SOAP & WATER. INHALED:REMOVE TO FRESH AIR. GIVE ART

IFICIAL RESPIRATION OR

OXYGEN AS NEEDED. INGESTED:DO NOT INDUCE VOMITING. GIVE LARGE QUANTITY OF MILK OR WATER.(NOTHING BY MOUTH IF UNCONSCIOUS.) GET IMMEDIATE MEDICAL ATTENTION. IF ANY IRRITATION PERSISTS OR IS SEVERE,GET PROMPT MEDICAL CARE.

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

Flash Point Method:CC

Flash Point:350F/177C

Extinguishing Media:DRY CHEMICAL,WATER SPRAY.

Fire Fighting Procedures:WEAR SELF CONTAINED BREATHING APPARATUS;PROTECT A

AINST INHALATION OF ISOCYANATE VAPORS.

Unusual Fire/Explosion Hazard:NONE.

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

Spill Release Procedures:ABSORB WITH INERT MATERIAL. PLACE IN OPEN CONTAINERS IN A WELL VENTILATED AREA. COVER WITH 5% AMMONIUM HYDROXIDE OR WATER/ISOPROPANOL MIX. ALLOW REACTION TO GO TO COMPLETION BEFORE DISPOSAL.

Neutralizing Agent:5% AMMONIUM HYDROXIDE.

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

Handling and S

Storage Precautions:STORE IN A COOL, DRY, WELL VENTILATED AREA, AWAY FROM EXCESS HEAT.

Other Precautions:DO NOT RECOVER CANS CONTAMINATED WITH MOISTURE. CARBON DIOXIDE IS EVOLVED AND MAY RUPTURE THE CAN. BLANKET CANS WITH DRY NITROGEN BEFORE SEALING.

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

Respiratory Protection:USE NIOSH/MSHA APPROVED RESPIRATOR EQUIPPED WITH CARTRIDGE FOR ORGANIC VAPORS/MISTS OR SUPPLIED AIR RESPIRATOR IF EXPOSED ABOVE TLV/PEL.

Ven

tilation:USE NORMAL ROOM VENTILATION WITH LOCAL EXHAUST ADDED TO MAINTAIN EXPOSURE BELOW PEL/TLV.

Protective Gloves:IMPERVIOUS.

Eye Protection:GOGGLES.

Other Protective Equipment:CLOTHING AS NEEDED TO PREVENT CONTACT.

Work Hygienic Practices:USE STRICT CHEMICAL HYGIENE PRACTICE. AVOID ALL CONTACT IF AT ALL POSSIBLE.

Supplemental Safety and Health

MSDS NO. V752005

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

HCC:N1

Spec Gravity:1.03-1.15

Solubility in Water:REACTS WITH WATER.

Appearance and Odor:HONEY COLORED LIQUID, LITTLE ODOR.

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

Stability Indicator/Materials to Avoid:YES ALCOHOL, WATER, STRONG OXIDIZERS.

Stability Condition to Avoid:HIGH TEMPERATURES, MOISTURE.

Hazardous Decomposition Products:NORMAL PRODUCTS OF COMBUSTION (CARBON DIOXIDE, CARBON MONOXIDE) PLUS CYANATES.

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

Waste Disposal Methods:DISPOSE I/A/W FEDERAL,

STATE,LOCAL REGULATIONS AS
RESPECT TO POLYMERIC WASTE.

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