

M AND T CHEMICALS INC FURANE PRODUCTS DIVISION -- URALANE 5750B(LV), INSULATING
COMPOUND KIT -- 5970-00-242-0505

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

Product ID:URALANE 5750B(LV), INSULATING COMPOUND KIT

MSDS Date:09/28/1988

FSC:5970

NIIN:00-242-0505

Kit Part:Y

MSDS Number: BJPCY

=== Responsible Party ===

Company Name:M AND T CHEMICALS INC FURANE PRODUCTS DIVISION

Address:5121 SAN FERNANDO RD W

Cit

y:LOS ANGELES

State:CA

ZIP:90039-1011

Country:US

Info Phone Num:818-247-6210

Emergency Phone Num:818-247-6210

CAGE:76323

=== Contractor Identification ===

Company Name:CIBA SPECIALTY CHEMICALS CORP, N. A. / PERFORMANCE
POLYMERS

Address:5121 SAN FERNANDO RD WEST

Box:City:LOS ANGELES

State:CA

ZIP:90039-1011

Country:US

Phone:818-247-6210/800-873-1138

CAGE:99384

Company Name:M AND T CHEMICALS INC SUB OF AMERICAN CAN CO

Box:1104

City:RAHWAY

State:NJ

ZIP:07065-1104

Country:US

CAGE:76323

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

Ingred Name:HYDROXY TERMINATED POLYOLS

CAS:69102-90-5

Fraction by Wt: 80%

Other REC Limits:NONE SPECIFIED

Ingred Name:TOLUENE (SARA III)

CAS:108-88-3

RTECS #:XS5250000

Fraction by Wt: 10% %

Other REC Limits:NONE SPECIFIED

OSHA PEL:200 PPM/150 STEL

ACGIH TLV:50 PPM; 9293

EPA Rpt Qty:1000 LBS

DOT Rpt Qty:1000 LBS

Ingred Name:METHYL ETHYL KETONE (2-BUTANONE) (MEK) (SARA III)

CAS:78-93-3

RTECS #:EL6475000

Fraction by Wt: 10% %

Other RE

C Limits:NONE SPECIFIED

OSHA PEL:200 PPM/300 STEL

ACGIH TLV:200 PPM/300STEL 9192

EPA Rpt Qty:5000 LBS

DOT Rpt Qty:5000 LBS

==== Hazards Identification =====

LD50 LC50 Mixture:NOT PROVIDED BY MANUFACTURER.

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

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

Health Hazards Acute and Chronic:INHALATION: VAPOR OR MIST WILL

IRRITATE THE NOSE AND THROAT. HIGH VAPOR CONCENTRATION MAY CAUSE
CNS DEPRESSI

ON. EYE: CONTACT IRRITATES THE EYES. SKIN: MODERATE

IRRITATION. INGESTION: GASTROINTESTINAL IRRITATION. PROLONGED OR
REPEATED EXPOSURE CAN CAUSE LIVER AND KIDNEY AND CENTRAL NERVOUS
SYSTEM EFFECTS.

Explanation of Carcinogenicity:NONE OF THE CHEMICALS IN THIS PRODUCT IS
LISTED BY IARC, NTP OR OSHA AS A CARCINOGEN.

Effects of Overexposure:INHALATION: IRRITATION OF NOSE AND THROAT, CNS
DEPRESSION. EYES: IRRITATION. SKIN: DEFATTING, DRYING, SPLITTING
AND CRACKING. INGESTION:

NAUSEA, VOMITING AND DIARRHEA.

Medical Cond Aggravated by Exposure: ECZEMA, SKIN, EYES OR RESPIRATORY DISEASES MAY BE AT INCREASED RISK FROM EXPOSURE.

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

First Aid: INHALATION: MOVE SUBJECT TO FRESH AIR. GIVE ARTIFICIAL RESPIRATION IF BREATHING HAS STOPPED. EYE AND SKIN CONTACT: FLUSH EYES WITH LARGE AMOUNT OF WATER FOR AT LEAST 15 MINUTES. GET PROMPT MEDICAL ATTENTION. WASH SKIN THOROUGHLY WITH SOAP AND WATER.

REMOVE AND WASH CONTAMINATED CLOTHING BEFORE REUSE. INGESTION: DILUTE BY GIVING 2 GLASSES OF WATER TO DRINK. SEE PHYSICIAN.

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

Flash Point Method: TCC

Flash Point: 62.6F, 17.0C

Lower Limits: 1.2 % (EST)

Extinguishing Media: FOAM, CARBON DIOXIDE, DRY CHEMICAL

Fire Fighting Procedures: WEAR BREATHING APPARATUS (MSHA/NIOSH-APPROVED, PRESSURE DEMAND, SELF-CONTAINED OR EQUIVALENT) AND FULL PROTECTIVE GEAR.

Unusual Fire/Explosion Hazard:

VAPORS CAN TRAVEL TO A SOURCE OF IGNITION AND FLASH BACK.

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

Spill Release Procedures: ELIMINATE IGNITION SOURCES. EVACUATE THE SPILL AREA. WEAR PROTECTIVE CLOTHING. ABSORB WITH INERT MATERIAL. TRANSFER TO CONTAINERS SUITABLE FOR DISPOSAL. KEEP FROM ENTERING GROUNDWATER, WATERWAYS, SEWERS.

Neutralizing Agent: NONE SPECIFIED BY MANUFACTURER.

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

Handling and Storage Precautions: MAX STORAGE TEMPERATURE - 35C. LIMIT INDOOR STORAGE AT APPROVED AREAS EQUIPPED WITH AUTOMATIC SPRINKLERS. AVOID ALL SKIN CONTACT.

Other Precautions: MAY CAUSE ALLERGIC REACTION. WASH EXPOSED AREAS THOROUGHLY WITH SOAP AND WATER AFTER HANDLING THIS MATERIAL.

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

Respiratory Protection: WEAR RESPIRATOR (MSHA/NIOSH-APPROVED) SUITABLE FOR CONCENTRATIONS AND TYPES OF AIR CONTAMINANT

S ENCOUNTERED

(ORGANIC VAPOR CARTRIDGE).

Ventilation:EXPLOSION PROOF LOCAL EXHAUST VENTILATION AT POINT OF CONTAMINANTS RELEASE.

Protective Gloves:IMPERVIOUS-PLASTIC

Eye Protection:CHEMICAL SPLASH GOGGLES (ANSI Z-87.1)

Other Protective Equipment:PROTECTIVE CLOTHING, EYEWASH FACILITY, SAFETY SHOWER.

Work Hygienic Practices:WASH THOROUGHLY AFTER HANDLING AND BEFORE EATING OR DRINKING. LAUNDRY CONTAMINATED CLOTHING BEFORE REUSE.

Supplemental Safety and Health

NOTE TO PHYSICIAN: ALLE

RGIC DERMATITIS OR RESPIRATORY RESPONSE IN

SUSCEPTIBLE INDIVIDUALS MAY BE DELAYED. IT MAY APPEAR AFTER WEEKS OR EVEN MONTHS OF FREQUENT AND PROLONGED CONTACT.

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

HCC:F2

Vapor Pres:> 22

Vapor Density:> 8.6

Spec Gravity:0.92

Evaporation Rate & Reference:5 (BUTYL ACETATE = 1)

Solubility in Water:MODERATE

Appearance and Odor:PALE AMBER COLOR LIQUID, AROMATIC ODOR

Percent Volatiles by Volume:20

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

Stability Indicator/Materials to Avoid:YES

STRONG OXIDIZING AGENTS.

Stability Condition to Avoid:ELEVATED TEMPERATURES.

Hazardous Decomposition Products:CARBON DIOXIDE, CARBON MONOXIDE, HYDROCARBONS.

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

Waste Disposal Methods:DISPOSE OF IN ACCORDANCE WITH ALL APPLICABLE FEDERAL, STATE AND LOCAL REGULATIONS.

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