

FURANE PRODUCTS COMPANY -- URALANE 5753 A -- 8030-01-097-9102

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

Product ID:URALANE 5753 A

MSDS Date:03/06/1987

FSC:8030

NIIN:01-097-9102

Kit Part:Y

MSDS Number: BJZKJ

=== Responsible Party ===

Company Name:FURANE PRODUCTS COMPANY

Address:5121 SAN FERNANDO ROAD WEST

City:LOS ANGELES

State:CA

ZIP:90039

Country:US

Info Phone Num:818-247-6210

Emergency Phone Num:818-24

7-6210

CAGE:OO131

=== Contractor Identification ===

Company Name:CIBA-GEIGY COMPANY, FURANE PRODUCTS

Address:5121 SAN FERNANDO ROAD WEST

Box:City:LOS ANGELES

State:CA

ZIP:90039

Country:US

Phone:818-247-6210 OR 800-334-9481

CAGE:0EJE3

Company Name:FURANE PRODUCTS COMPANY

Phone:(201) 499-2401

CAGE:OO131

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

Ingred Name:METHYLENE BISPHENYL ISOCYANATE (MDI) (SARA III)

CAS:101-68-8

RTECS #:NQ9350000

Fraction by Wt: 80%

Other REC Limi

ts:NONE SPECIFIED
OSHA PEL:C, 0.02 PPM
ACGIH TLV:0.005 PPM; 9192
EPA Rpt Qty:1 LB
DOT Rpt Qty:1 LB

Ingred Name:HIGHER MOLECULAR WEIGHT POLYMERS OF MDI
Fraction by Wt: 20%
Other REC Limits:NONE SPECIFIED

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

Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES
Effects of Overexposure:INHALED:SEVERE IRRIT OF RESPIRATORY TRACT &
MUCOUS MEMBRANES,TIGHTNESS OF THE CHEST,SHORTNESS OF
BREATH,COUGHING & HEADACHES.BRONCHITIS
& PULMONARY EDEMA MAY
DEVELOP.RESPIRATORY SENSITIZER:CAUSES ALLERGIC RESPIRATORY
REACTION WITH ASTHMA LIKE ATTACKS.SYMPTOMS MAY BE
DELAYED.EYE:IRRIT.POSSIBLE EYE DAMAGE.SKIN:IRRITATION

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

First Aid:INHALED:MOVE TO FRESH AIR. GIVE OXYGEN IF BREATHING
DIFFICULT, ARTIFICIAL RESPIRATION IF STOPPED. EYES:FLUSH WITH
PLENTY OF WATER FOR 15 MINUTES AND GET PROMPT MEDICAL ATTENTION.
SKIN:WASH THOROUGHLY WITH SOAP
AND WATER, REMOVE AND WASH CLOTHING
BEFORE REUSE. INGESTION:IF SWALLOWED DILUTE BY GIVING 2 GLASSES OF
WATER TO DRINK. SEE A PHYSICIAN. NEVER GIVE ANYTHING BY MOUTH TO AN
UNCONSCIOUS PERSON.

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

Flash Point Method:PMCC
Flash Point:349F,176C
Extinguishing Media:CO2, DRY CHEMICAL
Fire Fighting Procedures:WEAR BREATHING APPARATUS (MSHA/NIOSH
APPROVED,PRESSURE DEMAND,SELF CONTAINED OR EQUIVALENT) AND FULL
PROTEC

TIVE GEAR. KEEP WATER OUT OF CONTAINERS.

Unusual Fire/Explosion Hazard:REACTS WITH WATER TO FORM CARBON DIOXIDE.

AVOID BREATHING VAPORS OF FIRE EXPOSED MATERIAL.

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

Spill Release Procedures:WEAR PROT EQUIP.VENTILATE.AVOID BREATHING
VAPOR.SCBA FOR LARGE SPILLS IN CONFINED AREAS.DIKE/ABSORB SPILL
W/INERT MAT'L.SWEEP UP/PLACE IN CONTAINER FOR DISPOSAL.REMOVE
CONTAM CLOTHES PROMPTLY/WASH EXP OSED SKIN W/SOAP/WATER.KEE
P SPILL

OUT OF SEWER/H2O

Neutralizing Agent:90% WATER, 8% AMMONIUM HYDIOXIDE, 2% DETERGENT

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

Handling and Storage Precautions:STORE INDOORS IN A COOL, DRY AREA WITH
ADEQUATE VENTILATION. USE INERT GAS BLANKETING FOR BULK STORAGE.
MAX STORAGE TEMPERATURE IS 37C. MIN IS 23C.

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

Respiratory Protection:WEAR SUITABLE MSHA/NIOSH APPROVED RESPIRATOR
WHER

E EXPOSURE LIMITS ARE EXCEEDED.

Ventilation:MECHANICAL LOCAL EXHUAST AT POINT OF CONTAMINANT RELEASE.

Protective Gloves:IMPERVIOUS (LATEX)

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

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

Supplemental Safety and Health

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

Boiling Pt:B.P. Text:392F,200C

Vapor Pres:0.0003@25C

Vapor Density:8.6

Spec Gravity:1.24

Viscosity:50 CPS

Evaporation

Rate & Reference:< 1 (BUTYL ACETATE=1)

Solubility in Water:REACT WITH WATER

Appearance and Odor:YELLOW COLOR CLEAR LIQUID; CHARACTERISTIC ODOR

Percent Volatiles by Volume:NIL

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

Stability Indicator/Materials to Avoid:YES

WATER, STRONG BASES, ALCOHOLS AND METAL COMPOUNDS.

Stability Condition to Avoid:AVOID PROLONG HEATING OVER 50C OR STORAGE BELOW 23C.

Hazardous Decomposition Products:CARBON MONOXIDE AND/OR CARBON DIOXIDE, OXIDES OF NITROGEN, TRACES OF HCN.

Conditions to Avoid Polymerization:CONTACT WITH WATER OR OTHER REACTIVE MATERIALS.

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

Waste Disposal Methods:DILUTE WITH SUITABLE FLAMMABLE SOLVENT, THEN INCINERATE IN APPROVED EQUIPMENT. DECONTAMINATE DIKING MATERIAL WITH DECONTAMINANT LIQUID, THEN LANDFILL IN ACCORDANCE WITH LOCAL, STATE AND FEDERAL REGULATIONS.

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