

M AND T CHEMICALS INC FURANE PRODUCTS DIVISION -- ARALDITE HARDENER HY 956, KIT P/N
TL 5493 -- 2010-01-252-8348

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

Product ID:ARALDITE HARDENER HY 956, KIT P/N TL 5493

MSDS Date:03/01/1983

FSC:2010

NIIN:01-252-8348

Kit Part:Y

MSDS Number: BLZHW

=== Responsible Party ===

Company Name:M AND T CHEMICALS INC FURANE PRODUCTS DIVISION

Address:5121 SAN FERNANDO RD W

City:L

OS 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:HYDROXYALKYLATED POLYAMINE

Fraction by Wt: 100% %

Other REC Limits:NONE SPECIFIED

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

LD50 LC50 Mixture:LD50 ORAL (RAT) 4500 MG/KG

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

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

Health Hazards Acute and Chronic:SKIN IRRITANT, EYE IRRITANT

Explanation of Carcinogenicity:PRODUCT CONTAINS NO INGREDIENTS

CURRENTLY CLASSIFIED AS CARCINOGENIC BY NTP, IARC OR OSHA.

Effects of Overexposure:SKIN IRRITATION, SEVERE EYE IRRITATION

Medical Cond Aggravated by Exposure:NONE SPECIFIED BY MANUFACTURER.

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

First Aid:SKIN: IMMEDIATELY REMOVE LIQUIDS FROM THE SKIN BY WIPING WITH DISPOSABLE TOWEL; THEN WASH AFFECTED AREA THOROUGHLY WITH WARM SOAPY WATER. ANY MATERIAL STILL ADHERING SHOULD BE REMOVED WITH RESIN-REMOV ING CREAM. DO

NOT USE SOLVENTS. EYES: FLUSH WITH WATER

FOR 15 MINUTES. INHALATION: REMOVE TO FRESH AIR. INGESTION:

IMMEDIATELY RINSE MOUTH. IF SWALLOWED, DRINK LOTS OF WATER. CONTACT A PHYSICIAN.

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

Flash Point Method:CC

Flash Point:302F,150C

Lower Limits:NOT GIVEN

Upper Limits:NOT GIVEN

Extinguishing Media:WATERSPRAY OR FOAM OR CARBON DIOXIDE OR DRY POWDER OR VAPORISING LIQUID

Fire Fighting Procedures:DO NOT USE WATER JETS.

IN A SERIOUS FIRE IT

MAY BE NECESSARY TO WEAR A COMPRESSED AIR BREATHING APPARATUS.

Unusual Fire/Explosion Hazard:AVOID PRODUCTS OF COMBUSTION WHILE PUTTING OUT THE FIRE.

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

Spill Release Procedures:FLUSH AFFECTED AREA THOROUGHLY WITH WATER.

CLEAN UP WITH ABSORBENT MATERIAL (SAND, SAWDUST, COTTON WASTE, PAPER TOWELS, ETC.). REMOVE CONTAMINATED ABSORBENT TO A SAFE PALCE PENDING DISPOSAL. THEN WASH AREA WITH DE

TERGENT SOLUTION,
PREFERABLY HOT.
Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

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

Handling and Storage Precautions:STORE CONTAINERS SECURELY IN A COOL,
DRY PLACE. STORE AWAY FROM FOOD AND FOOD CONTAINERS.
Other Precautions:WHENEVER THE FULLY CURED OR HARDENED MATERIALS IS TO
BE MACHINED, THE EQUIPMENT SHOULD BE PROVIDED WITH AN EFFECTIVE
LOCAL EXTRACTION SYSTEM. OPERATORS SHOULD WEAR EYE PROTECTION AND A
DUST MASK.

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

Respiratory Protection:NOT NORMALLY REQUIRED
Ventilation:GOOD GENERAL (MECHANICAL) VENTILATION SHOULD BE SUFFICIENT.
MIXING SHOULD TAKE PALCE IN A VENTILATED HOOD.
Protective Gloves:NITRILE, NATURAL RUBBER, POLYETHYLENE
Eye Protection:SAFETY GLASSES, GOGGLES
Other Protective Equipment:OVERALLS AND HEAVY-DUTY APRONS, EMERGENCY
EYEWASH AND SHOWER
Work Hygienic Practices:SKIN SHOULD BE THOROUGHLY CLEANSED AS A

STANDARD ROUTINE AFTER WORK AND BEFORE EATING, DRINKING, SMOKING.
Supplemental Safety and Health
WHEN WORK IS TO BE CARRIED OUT IN A TANK OR SIMILAR CONFINED SPACE, A
PERMIT-TO-WORK SYSTEM SHOULD BE IMPLEMENTED. THE SYSTEM SHOULD
INCLUDE BREATHING APPARATUS, A SAFETY HARNESS AND LINE, AND A SECON
D MAN IN ATTENDANCE WITH RESERVE BREATHING APPARATUS.

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

HCC:N1
Boiling Pt:B.P. Text:NOT GIVEN
Melt/Freeze Pt:M.P/F.P
Text:NOT GIVEN
Vapor Pres:0.1 PA@20C
Vapor Density:1.01 @20C
Spec Gravity:NOT GIVEN
Evaporation Rate & Reference:NOT GIVEN
Solubility in Water:COMPLETE
Appearance and Odor:LIQUID, AMINE ODOR

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

Stability Indicator/Materials to Avoid:YES
EPOXY RESINS
Stability Condition to Avoid:EXTREME TEMPERATURES
Hazardous Decomposition Products:CARBON MONOXIDE, CARBON DIOXIDE.
OXIDES OF NITROGEN
Conditions to Avoid Polymerization:AVOI

D CONTACT WITH EXPOXY RESINS
UNTIL READY FOR USE

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

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

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