

ACME AUTOMOTIVE FINISHES -- 899 KATA-KRIL ACRYLIC ENAMEL HARDENER --
8010-00F017233

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

Product ID:899 KATA-KRIL ACRYLIC ENAMEL HARDENER

MSDS Date:01/29/1996

FSC:8010

NIIN:00F017233

MSDS Number: BZTSC

=== Responsible Party ===

Company Name:ACME AUTOMOTIVE FINISHES

Address:101 PROSPECT AVE NW

City:CLEVELAND

State:OH

ZIP:44115

Country:US

Info Phone Num:216-566-2902

Emergency Phone Num:216-566-2917

CAGE:ACMEA

=== Contractor Identification ===

Company Name:ACME AUTOMOTIVE FINISHES

Address:101 PROSPECT AVENUE NW

City:CLEVELAND

State:OH

ZIP:44115

Country:US

Phone:216-566-2917

CAGE:ACMEA

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

Ingred Name:HEXAMETHYLENE DIISOCYANATE POLYMER

Fraction by Wt: 65%

Ingred Name:ETHYL BENZENE *96-2*

CAS:100-41-4

RTECS #:DA0700000

Fraction by Wt: 4%

Other REC Limits:100 PPM

OSHA PEL:435 MG/CUM

ACGIH TLV:434 MG/CUM

EPA Rpt Qty:1000 LBS

DOT Rpt Qty:1000 LBS

Ingred Name:XYLENE, DIMETHYLBENZENE, XYLOL (IARC - GROUP 3) *96-2*

CAS:1330-20-7

RTECS #:ZE2100000

Fraction by Wt: 20%

Other REC Limits:100 PPM

OSHA PEL:100 PPM

ACGIH TLV:100 PPM, SKIN

EPA Rpt Qty:1000 LBS

DOT Rpt Qty:1000 LBS

Ingred Name:BUTYL ACETATE (N-BUTYL ACETATE) *96-2*

CAS:123-86-4

RTECS #:AF7350000
Fraction by Wt: 11%
Other REC Limits:150 PPM
OSHA PEL:710 MG/CUM
ACGIH TLV:713 MG/CUM
EPA Rpt Qty:5000 LBS
DOT Rpt Qty:5000 LBS

Ingred Name:HEXAMETHYLENE DIISOCYANATE
CAS:822-06-0
RTECS #:MO1740000
Fraction by Wt: 1%
ACGIH TLV:0.005 PPM
EPA Rpt Qty:1 LB
DOT Rpt Qty:1 LB

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

Routes of Entry: Inhalation:YES Skin:NO Ingestion:NO
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO
Health Hazards Acute and Chronic:IRRITATION OF EYES, SKIN & RESPIRATORY
SYSTEM. MAY CAUSE NERVOUS SYSTEM DEPRESSION. EXTREME OVEREXPOSURE
MAY RESULT IN UNCONSCIOUSNESS & DEATH. PROLONGED OVEREXPOSURE TO
SOLVENTS MAY CAUSE ADVERSE EFFECTS TO LIVER, URINARY, BLOOD
FORMING & REPRODUCTIVE SYSTEMS. (SEE SUPP)
Explanation of Carcinogenicity:NONE
Effects of Overexposure:IRRITATION, REDNESS, ITCHING, BURNING,
HEADACHE, DIZZINESS, NAUSEA, LOSS OF COORDINATION.
Medical Cond Aggravated by Exposure:ALLERGIC RESPIRATORY/SKIN REACTION.

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

First Aid:INHALATION: REMOVE TO FRESH AIR. SKIN: WASH THOROUGHLY W/SOAP
& WATER. EYES: FLUSH W/WATER FOR 15 MINS. OBTAIN MEDICAL ATTENTION
IN ALL CASES.

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

Flash Point Method:PMCC
Flash Point:82F
Lower Limits:1
Upper Limits:7.6
Extinguishing Media:CO2, DRY CHEMICAL, FOAM.
Fire Fighting Procedures:WEAR FULL PROTECTIVE EQUIPMENT W/SCBA. WATER
SPRAY MAY BE INEFFECTIVE. IF WATER IS USED, FOG NOZZLES ARE
PREFERABLE. USE WATER TO COOL CLOSED CONTAINERS.
Unusual Fire/Explosion Hazard:KEEP CONTAINERS TIGHTLY CLOSED. ISOLATE
FROM HEAT & OTHER IGNITION SOURCES. CLOSED CONTAINERS MAY EXPLODE
WHEN EXPOSED TO EXTREME HEAT.

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

Spill Release Procedures:REMOVE IGNITION SOURCES. VENTILATE AREA. COVER
W/ABSORBENT MATERIAL. DEACTIVATE W/10% AMMONIUM HYDROXIDE SOLUTION,
AFTER 10 MINS, COLLECT IN OPEN CONTAINERS & ADD MORE AMMONIA. COVER
LOOSELY. WASH ARE A W/SOAP & WATER.

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

Handling and Storage Precautions:CONTENTS ARE FLAMMABLE. KEEP FROM HEAT & OTHER IGNITION SOURCES. KEEP VENTILATED, USE APPROVED BONDING & GROUNDING PROCEDURES.

Other Precautions:KEEP CONTAINER CLOSED WHEN NOT IN USE. TRANSFER ONLY TO APPROVED CONTAINERS W/COMPLETE & APPROPRIATE LABELING. DON'T TAKE INTERNALLY. KEEP OUT OF REACH OF CHILDREN. AVOID CONTACT W/SKIN & EYES. AVOID BREATHING OF VAPORS/MISTS.

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

Respiratory Protection:WHERE OVERSPRAY IS PRESENT, A POSITIVE PRESSURE AIR SUPPLIED RESPIRATOR. IF UNAVAILABLE, A PROPERLY FITTED ORGANIC VAPOR/PARTICULATE RESPIRATOR APPROVE BY NIOSH/MSHA. SANDING/ABRADING, WEAR A DUST/MIS T RESPIRATOR APPROVED BY NIOSH/MSHA.

Ventilation:LOCAL/GENERAL EXHAUST VENTILATION.

Protective Gloves:RECOMMENDED

Eye Protection:SAFETY GLASSES W/UNPERFORATED SIDESHIELD

Other Protective Equipment:BARRIER CREAM ON EXPOSED SKIN.

Work Hygienic Practices:REMOVE/LAUNDER CONTAMINATED CLOTHING BEFORE REUSE. WASH THOROUGHLY AFTER HANDLING.

Supplemental Safety and Health

HEALTH HAZARDS CONT'D: PERSONS SENSITIVE TO ISOCYANATES WILL EXPERIENCE INCREASED ALLERGIC REACTION. REPEATED/PROLONGED OVEREXPOSURE TO SOLVENTS MAY CAUSE PERMANENT BRAIN & NERVOUS SYSTEM DAMAGE. INTENTIONAL MISUSE BY DELIBERATELY CONCENTRATING & INHALING THE CONTENTS CAN BE HARMFUL/FATAL.

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

Boiling Pt:B.P. Text:255-292F

Vapor Density:>1

Spec Gravity:1.03

VOC Pounds/Gallon:359

Evaporation Rate & Reference:SLOWER THAN ETHER

Percent Volatiles by Volume:42

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

Stability Indicator/Materials to Avoid:YES

ALCOHOLS, AMINES, OTHER COMPOUNDS WHICH REACT W/ISOCYANATES.

Stability Condition to Avoid:HEAT, ELECTRICAL EQUIPMENT, SPARKS, OPEN FLAME, WATER

Hazardous Decomposition Products:FIRE: CO2, CO, OXIDES OF NITROGEN, HYDROGEN CYANIDE.

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

Waste Disposal Methods:PRODUCT MAY BE HAZARDOUS AS DEFINED UNDER THE RESOURCE CONSERVATION & RECOVERY ACT, MUST BE TESTED FOR IGNITABILITY. INCINERATE IN APPROVED FACILITY. DON'T INCINERATE CLOSED CONTAINER. DISPOSE OF IAW/ FEDERAL, STATE & LOCAL REGULATIONS.

===== Other Information =====

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