

ADVANCED COATINGS & CHEMICALS -- POLYAMIDE HARDENER -- 8010-00-082-2450

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Product Identification
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Product ID:POLYAMIDE HARDENER

MSDS Date:07/21/1986

FSC:8010

NIIN:00-082-2450

MSDS Number: BKHDL

=== Responsible Party ===

Company Name:ADVANCED COATINGS & CHEMICALS

Address:4343 TEMPLE CITY BLVD.

City:TEMPLE CITY

State:CA

ZIP:91780

Info Phone Num:(213) 579-6270

Emergency Phone Num:(213) 579-

6270

CAGE:ACTAD

=== Contractor Identification ===

Company Name:ADVANCED COATING TECHNOLOGY

Address:4343 TEMPLE CITY BLVD.

City:TEMPLE CITY

Phone:(818) 579-6290

CAGE:ACTAD

Company Name:ADVANCED PRODUCTS DBA ADVANCED COATINGS & CHEMICAL

Address:4343 TEMPLE CITY BLVD

Box:City:TEMPLE CITY

State:CA

ZIP:91780-4229

Country:US

Phone:818-579-6270

CAGE:51686

Company Name:CROWN

Box:350

City:GREENVILLE

State:SC

ZIP:29606

Country:US

Phone:803-277-1870

CAGE:06367

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Composition/Information on Ing

redients =====

Ingred Name:REACTIVE POLYAMIDE
CAS:37189-83-6

Ingred Name:METHYL ETHYL KETONE (2-BUTANONE) (MEK) (SARA III)
CAS:78-93-3
RTECS #:EL6475000
Other REC Limits:590 MG/CUM
OSHA PEL:200 PPM/300 STEL
ACGIH TLV:200 PPM/300STEL 9192
EPA Rpt Qty:5000 LBS
DOT Rpt Qty:5000 LBS

Ingred Name:ISOPROPYL ALCOHOL (SARA III)
CAS:67-63-0
RTECS #:NT8050000
Other REC Limits:400 PPM
OSHA PEL:400 PPM/500 STEL
ACGIH TLV:400 PPM/500STEL;9192

Ingred Name:N-BUTYL ALCOHOL (SARA III)
CAS:71-36-3
RTECS #:EO1400000
Other REC Limits:300 MG/CUM
OSHA PEL:100 PPM
ACGIH TLV:S, C 50 PPM; 9293
EPA Rpt Qty:5000 LBS
DOT Rpt Qty:5000 LBS

Ingred Name:TOLUENE (SARA III)
CAS:108-88-3
RTECS #:XS5250000
Other REC Limits:100 PPM
OSHA PEL:200 PPM/150 STEL
ACGIH TLV:50 PPM; 9293
EPA Rpt Qty:1000 LBS
DOT Rpt Qty:1000 LBS

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

LD50 LC50 Mixture:ORAL RATS LD50: 723 GM/KG
Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES
Reports of Carc

inogenicity:NTP:NO IARC:NO OSHA:NO

Health Hazards Acute and Chronic:EYE:

IRRITATION/REDNESS/TEARING/BLURRED VISION/CONJUNCTIVITIS. SKIN:
IRRITATION/DEFATTING/SENSITIZATION/DERMATITIS. INHALATION:
DIZZINESS/BREATHING DIFFICULTY/HEADACHE/LOSS OF
COORDINATION/TOXIC/ASTHM A-LIKE SYMPTOM/CNS SYSTEM/NARCOTIC EFFECT.
INGESTION: THROAT/ESOPHAGUS DAMAGE/VOMITING/DIARRHEA/KIDNEY/LIVER
IMPAIRMENT.

Explanation of Carcinogenicity:NONE

Effects of Overexposure:EYE: IRRITATION/REDNESS
/TEARING/BLURRED

VISION/CONJUNCTIVITIS. SKIN:
IRRITATION/DEFATTING/SENSITIZATION/DERMATITIS. INHALATION:
DIZZINESS/BREATHING DIFFICULTY/HEADACHE/LOSS OF
COORDINATION/TOXIC/ASTHM A-LIKE SYMPTOM/CNS SYSTEM/NARCOTIC EFFECT.
INGESTION: THROAT/ESOPHAGUS DAMAGE/VOMITING/DIARRHEA/KIDNEY/LIVER
IMPAIRMENT.

Medical Cond Aggravated by Exposure:ASTHMA, RESPIRATORY TRACT
IRRITATION, DERMATITIS, KIDNEY & LIVER PROBLEMS, & CONJUNCTIVITIS

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===== First Aid Measures
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First Aid:EYES: FLUSH W/LARGE AMOUNTS OF WATER FOR 15 MINS. SKIN: WASH
THOROUGHLY W/SOAP & WATER. INHALATION: REMOVE TO FRESH AIR. IF
BREATHING STOPS, APPLY ARTIFICIAL RESPIRATION. INGESTION: DON'T
INDUCE VOMIT ING. OBTAIN MEDICAL ATTENTION IN ALL CASES.

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

Flash Point Method:TCC

Flash Point:20F

Lower Limits:1.3%

Upper Limits:12%

Extinguishing Media:FOAM, DRY CHEMICAL, CO2, OR WATER FOG

Fire

Fighting Procedures:WEAR FULL EMERGENCY EQUIPMENT W/SELF-CONTAINED
BREATHING APPARATUS.

Unusual Fire/Explosion Hazard:CLOSED CONTAINERS MAY BURST WHEN EXPOSED
TO EXTREME HEAT. VAPORS MAY FORM AN EXPLOSIVE MIXTURE IN AIR
BETWEEN THE UPPER AND LOWER EXPOSURE LIMITS. FLAMMABLE.

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

Spill Release Procedures:ELIMINATE IGNITION SOURCES & PROVIDE GOOD
VENTILATION. DIKE AREA & ADD ABSORBENT MATERIAL TO SPILLED LIQUID.

THOROUGHLY WET W/WATER & MIX.

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

Handling and Storage Precautions:USE NON-SPARKING UTENSILS WHEN HANDLING MATERIAL. USE IN COOL/WELL-VENTILATED AREA. KEEP FROM HOT SURFACE/HEAT/OPEN FLAME. AVOID CONTACT W/SKIN & EYE.

Other Precautions:KEEP CONTAINERS CLOSED WHEN NOT IN USE. DON'T SMOKE. TOOLS USED W/MATERIAL SHOULD BE ALUMINUM, BRASS, OR COPPER. PLASTIC TOOLS SHOULD NOT BE USED. SINCE EMPTIED CONTAINERS RETAIN PR
ODUCT

RESIDUES, ALL HAZARD PRECAUTIONS SHOULD BE OBSERVED.

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

Respiratory Protection:WHEN SPRAYING/PRINTING MATERIAL, USE NIOSH-APPROVED CARTRIDGE RESPIRATOR/GAS MASK SUITABLE FOR AIRBORNE MISTS/VAPOR CONCENTRATIONS >TLV. WHEN USING IN POORLY VENTILATED/CONFINED SPACES. USE A FRESH-AI R SUPPLYING RESPIRATOR OR SCBA.

Ventilation:PROVIDE EXPLOSION-PROOF GENERAL MECHANICAL/LOCAL EXHAUST VENTILATION TO KEEP A

IR

Spec Gravity:0.83

Evaporation Rate & Reference:FASTER THAN BU AC

Solubility in Water:NEGLIGIBLE

Percent Volatiles by Volume:84%

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

Stability Indicator/Materials to Avoid:YES

Stability Condition to Avoid:EXTREME HEAT/SPARKS/OPEN FLAMES/POOR VENTILATION/CORROSIVE ATMOSPHERE/EXCESSIVE AGING/IGNITION SOURCES/HOT SURFACES

Hazardous Decomposition Products:TOXIC GASES & SMOKE, CO, CO2, OXIDES OF NITROGEN, & VARIOUS HY
DROCARBONS & ACRID FUMES

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

Waste Disposal Methods:COLLECT ABSORBENT/WATER/SPILLED LIQUID MIXTURE INTO METAL CONTAINERS & ADD ENOUGH WATER TO COVER. CONSULT LOCAL, STATE, & FEDERAL HAZARDOUS WASTE REGULATIONS BEFORE DISPOSING INTO APPROVED HAZARDOUS WASTE LANDFILLS. OBEY RELEVANT LAWS. FLAMMABLE.

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