

ADVANCED PRODUCTS DBA ADVANCED COATINGS & CHEMICAL -- EPOXY PRIMER TYPE I --
8010-00-082-2450

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

Product ID:EPOXY PRIMER TYPE I

MSDS Date:07/18/1986

FSC:8010

NIIN:00-082-2450

MSDS Number: BKHDK

=== Responsible Party ===

Company Name:ADVANCED PRODUCTS DBA ADVANCED COATINGS & CHEMICAL

Address:4343 TEMPLE CITY BLVD

City:TEMPLE CITY

State:CA

ZIP:91780-4229

Country:US

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Info Phone Num:818-579-6270

Emergency Phone Num:818-579-6270

CAGE:51686

=== Contractor Identification ===

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

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

Ingred Name:BISPHENOL A DIGLYCIDYL ETHER

RESIN, EPOXY RESIN,
ARALDITE 6004, 4,4'-ISOPROPYLIDENEDIPHENOL-EPICHLOROHYDRIN
CAS:25068-38-6
RTECS #:KD4380000
OSHA PEL:10 MG/CUM
ACGIH TLV:10 MG/CUM

Ingred Name:STRONTIUM CHROMATE (SARA III)
CAS:7789-06-2
RTECS #:GB3240000
Other REC Limits:1 UG/CUM A1
OSHA PEL:0.1 PPM CRO3;CEILING
ACGIH TLV:0.0005MG CR/M3;A2;93
EPA Rpt Qty:10 LBS
DOT Rpt Qty:10 LBS

Ingred Name:TITANIUM DIOXIDE
CAS:13463-67-7
RTECS #:XR2275000
OSHA PEL:15 MG/M3 TDUST
ACGIH TLV:10 MG/M3 TDUST; 9293

Ingred Name:SIL
ICA AMORPHOUS HYDRATED, SILICEOUS EARTH, FUMED SILICA,
COLLOIDAL SILICON DIOXIDE, (SUSPECTED HUMAN CARCINOGEN)
CAS:112945-52-5
RTECS #:VV7310000
Other REC Limits:20 MPPCF
OSHA PEL:80 MG/CUM (%SIO2+2)
ACGIH TLV:0.2 MG/CUM RESP/DUST

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

Ingred Name:CYCLOHEXANONE (SARA III)
CAS:108-94-1
RTECS #:GW1050000
Other REC Limit

s:100PPM (SKIN) STEL
OSHA PEL:S, 50 PPM
ACGIH TLV:S, 25 PPM; 9293
EPA Rpt Qty:5000 LBS
DOT Rpt Qty:5000 LBS

Ingred Name:N-BUTYL ACETATE (SARA III)
CAS:123-86-4
RTECS #:AF7350000
Other REC Limits:150 PPM
OSHA PEL:150 PPM/200 STEL
ACGIH TLV:150 PPM/200STEL;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:VM&P NAPHTHA (LIGROINE)
CAS:
8032-32-4
RTECS #:OI6180000
Other REC Limits:STEL 400 PPM
OSHA PEL:300 PPM/400 STEL
ACGIH TLV:300 PPM; 9192

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

Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES
Reports of Carcinogenicity:NTP:NO IARC:YES OSHA:NO
Health Hazards Acute and Chronic:EYE:

IRRITATION/REDNESS/TEARING/BLURRED VISION/CONJUNCTIVITIS. SKIN:
IRRITATION/DEFATTING/SENSITIZATION/DERMATITIS. INHALATION:
DIZZINESS/BREATHING DIFFICULTY/HEADA

CHE/LOSS OF

COORDINATION/TOXIC/ASTHM A-LIKE SYMPTOM/CNS SYSTEM/NARCOTIC EFFECT.
INGESTION: THROAT/ESOPHAGUS DAMAGE/VOMITING/DIARRHEA/KIDNEY/LIVER
IMPAIRMENT.

Explanation of Carcinogenicity:STRONTIUM CHROMATE IS AN A1 CARCINOGEN &
DIATOMACEOUS/AMORPHOUS SILICA IS AN A2 CARCINOGEN.

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

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

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.

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

Flash Point Method:TCC
Flash Point:40F
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.

===== 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.

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

Handling and Storage Precautions:USE NON-SPARKING UTENS
ILS 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 PRODUCT
RESIDUES, ALL HAZARD PRECAUTIONS SHOULD BE OBSERVED.

===== 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-AIR SUPPLYING RESPIRATOR
OR SCBA.

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

Spec Gravity:1.30

Evaporation Rate & Reference:SLOWER THAN BU AC

Solubility in Water:NEGLIGIBLE

Percent Volatiles by Volume:59%

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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 HYDROCARBONS & 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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