

CRAWFORD LABORATORIES INC -- MIL-L81352A/AMD 1/EXC5, K1-013 -- 8010-00-935-6608
===== Product Identification =====

Product ID:MIL-L81352A/AMD 1/EXC5, K1-013
MSDS Date:10/15/1987
FSC:8010
NIIN:00-935-6608
MSDS Number: BHXPP
=== Responsible Party ===
Company Name:CRAWFORD LABORATORIES INC
Address:4165 S EMERALD AVE
City:CHICAGO
State:IL
ZIP:60609-2646
Country:US
Info Phone Num:312-376-7132
Emergenc
y Phone Num:312-376-7132
CAGE:DO165
=== Contractor Identification ===
Company Name:CRAWFORD LABORATIES, INC
Address:4165 SOUTH EMERALD AVENUE
City:CHICAGO
State:IL
ZIP:60609
Phone:800-424-9300 CHEMTREC
CAGE:DO165
Company Name:CRAWFORD LABORATORIES, INC
Address:4165 SOUTH EMERALD AVENUE
Box:City:CHICAGO
State:IL
ZIP:60609
Country:US
Phone:312-376-7132
CAGE:5V430

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

Ingred Name:METHYL ETHYL KETONE (2-BUTANONE) (MEK) (SARA III)
CA

S:78-93-3
RTECS #:EL6475000
Fraction by Wt: 20-30%
OSHA PEL:200 PPM/300 STEL
ACGIH TLV:200 PPM/300STEL 9192
EPA Rpt Qty:5000 LBS
DOT Rpt Qty:5000 LBS

Ingred Name:TOLUENE (SARA III)
CAS:108-88-3
RTECS #:XS5250000
Fraction by Wt: 5-20%
OSHA PEL:200 PPM/150 STEL
ACGIH TLV:50 PPM; 9293
EPA Rpt Qty:1000 LBS
DOT Rpt Qty:1000 LBS

Ingred Name:KETONE
(VAPOR PRESSURE 1.1 MMHG)
CAS:123-42-2
Fraction by Wt: 5-20%

Ingred Name:BUTYL BENZYL PHTHALATE (SARA III)
CAS:85-68-7
RTECS #:TH99900
00
Fraction by Wt: 1-5%
EPA Rpt Qty:100 LBS
DOT Rpt Qty:100 LBS

Ingred Name:ACRYLIC RESIN

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

Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES
Health Hazards Acute and Chronic:ACUTE TOXICITY
Effects of Overexposure:EYE: IRRITATION; SKIN: DEFATTING,DRYING,
IRRITATION AND DERMATITIS. INHAL: HEADACHE, DIZZINESS,
NAUSEA, & LOSS OF CONSCIOUSNESS, & MUCOUS MEMBRANES INGST: VOMITING

===== First A

id Measures =====

First Aid:EYE: FLUSH W/PLENTY OF CLEAN LKEWARM WTR FOR 15 MINS. LIFTING EYELIDS,MED. ATTN.SKIN: FLUSH W/WTR, REMOVE CONTAMINATED CLOTHING/SHOES. WASH W/SOAP & WTR. INHAL: REMOVE TO FRESH AIR, GIVE ARTIFIC IAL RESP. IF NECESSARY,KEEP VICTIM QUIETGET MEDICAL ATTENTION.; INGST: DONOT INDUCE VOMITING, IF IT OCCURS KEEP HEAD BELOW HIPS. ADMINISTER LKEWRM WTR IF PERSON IS CONSCIOUS, GET MEDICAL ATTENTION.

===== Fire F
ighting Measures =====

Flash Point Method:SCC
Flash Point:45F/7.22C
Lower Limits:1.2
Extinguishing Media:FOAM, CO2, DRY CHEMICAL
Fire Fighting Procedures:WATER MAY BE USED TO KEEP EXPOSED CONTNRS COOL, & TO KEEP FLAMBLE STRUCT. WET. DONOT ENTER FIRE AREA W/O PROPER PROTEC. BECAUSE HAZ. DECOMP. PROD. MAY BE PRSNT
Unusual Fire/Explosion Hazard:WATER PRESSURE MAY SPREAD A FLAMMABLE LIQUID FIRE. SEALED CONTAINERS MAY EXPLODEIF OVERHEATED.

===== Accidenta
l Release Measures =====

Spill Release Procedures:ELIMINATE ALL IGNITION SOURCES. EQUIPMENT MUST BE GROUNDED TO PREVENT SPARKING. SOAK UP W/ABSORBENT AND PLACE IN NON LEAKING CONTAINERS. SEAL TIGHTLY FOR PROPER DISPOSAL.

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

Handling and Storage Precautions:KNOW APPLICABLE D.O.T. REGULATION BEFORE ATTEMPTINTO TRANSPORT THIS MATERIAL.

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

R
espiratory Protection:PROVIDE ADEQUATE VENTILATION; IN MORE CONFINED AREAS A NIOSH/MSHA APPROVED RESPIRATOR EQUIPPED W/ORGANIC VAPOR CARTRIDGE SHOULD BE WORN.
Ventilation:ADEQUATE VENTILATION
Protective Gloves:RUBBER
Eye Protection:SAFETY GOGGLE & FACE SHIELD
Other Protective Equipment:EYE BATH
Supplemental Safety and Health
NK

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

HCC:F2
Boiling Pt:B.P. Text:175-698F
Vapor Density:> AIR
Evaporation Rate & Reference:3

.47 X N-BUTYL ACETATE

Appearance and Odor:WHITE LIQUID

Percent Volatiles by Volume:68.7

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

Stability Indicator/Materials to Avoid:YES

OXIDIZING AGENTS AND STRONG ALKALIES

Stability Condition to Avoid:HEAT, SPARKS, OPEN FLAMES, &
INCOMPATIBILITIES

Hazardous Decomposition Products:INCOMPLETE COMBUSTION FOR PRODUCTS
LIKE THIS MAY GENERATE HIGHLY POISONOUS CARBON MONOXIDE & OTHER
TOXIC GASES.

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

Waste Disposal Methods:DISPOSAL MUST BE IN ACCORDANCE W/CURRENT LOCAL,
STATE, AND FEDERAL REGULATIONS. CONTACT APPROVED DISPOSAL
FACILITY.

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particular situation.