

CRAWFORD LABORATORIES, INC. -- MIL-C-22750, CLEAR, PART A, M0-086 -- 8010-01-419-1143
===== Product Identification =====

Product ID:MIL-C-22750, CLEAR, PART A, M0-086
MSDS Date:03/07/1996
FSC:8010
NIIN:01-419-1143
Kit Part:Y
MSDS Number: CBVJG
=== Responsible Party ===
Company Name:CRAWFORD LABORATORIES, INC.
Address:4165 SOUTH EMERALD AVENUE
City:CHICAGO
State:IL
ZIP:60609
Country:US
Info Phone Number:312-376-7132
Emergency Phone Num:800-424-9300
Preparer's Name:DAVID SCHMETTERER
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) (VP =
71.2 MMHG)
CAS:78-93-3
RTECS #:EL6475000
Fraction by Wt: 19.0%
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: 12.0%
OSHA PEL:100 PPM
ACGIH TLV:100 PPM
EPA Rpt Qty:1000 LBS
DOT Rpt Qty:1000 LBS

Ingred Name:EPOXY RESIN
CAS:25085-99-8
Fraction by Wt: 29.0%
Other REC Limits:NONE RECOMMENDED

Ingred Name:VO
C 331 GPL
RTECS #:9999999VO
Fraction by Wt: NA
Other REC Limits:NONE RECOMMENDED
OSHA PEL:NOT EST.

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

Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO
Health Hazards Acute and Chronic:REPEATED/PROLONGED OCCUPATIONAL
OVEREXPOSURE TO SOLVENTS ASSOCIATED W/PERMANENT BRAIN/NERVOUS
SYSTEM DAMAGE. INTENTIONAL MISUSE BY DELIBERATELY CONCENTRATING AND
INHALING THE
CONTENTS MAY BE HARMFUL O R FATAL. PROLONGED
OVEREXPOSURE (INHAL)MAY CAUSE DELAYED LUNG DISEASE.
Effects of Overexposure:OVEREXPOSURE MAY PRODUCE VARIOUS EFFECTS. ACUTE
TOXICITY (HEADACHE, DIZZINESS, NAUSEA, LOSS CONSCIOUSNESS. SEVERE
EYE IRRITATION POSSIBLY RESULTING PERMANENT DAMAGE. IRRITATED
MUCOUS MEMBRANES. VOMITI NG FROM INGESTION. SKIN DEFATTING/DRYING.
SENSITIZATION AFTER REPEATED CONTACT.

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

First A

id:EYE: FLUSH W/PLENTY CLEAN H2O 15 MIN, LIFTING LIDS, GET MED
ATTN. INHAL: GET FRESH AIR, PROVIDE OXYGEN IF BREATH DIFFICULT.
GIVE ARTIF RESP IF NOT BREATHING. GET MED ATTN. KEEP VICTIM
WARM/QUIET. NEVE R GIVE UNCONS PERSON LIQ. INGEST: CALL DR. IMMED.
DON'T INDUCE VOMIT. IF VOMIT SPONTANEOUSLY, KEEP HEAD BELOW HIPS.
SKIN: FLUSH W/H2O WHILE REMOVING CONTAM CLOTHES/SHOES. IF IRRIT
PERSIST, GET MED AID

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

Flash Point Method:SCC
Flash Point:22.0F,-5.6C
Lower Limits:1.4
Extinguishing Media:FOAM, CO2, OR DRY CHEMICAL
Fire Fighting Procedures:WATER MAY BE USED TO KEEP EXPOSED CONTAINERS
COOL & KEEP FLAMMABLE STRUCTURE WETDON'T ENTER FIRE AREA WITHOUT
PROPER PROTECTION, HAZARDOUS DECOMP MAY BE PRESENT
Unusual Fire/Explosion Hazard:WATER PRESSURE MAY SPREAD A FLAMMABLE
LIQUID FIRE. SEALED CONTAINERS MAY EXPLODE IF OVER HEATED.

===== Accidental Release Measures =====
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Spill Release Procedures:WARNING - FLAMMABLE. ELIMINATE ALL IGNITION
SOURCES. HANDLING EQUIPMENT MUST BE GROUNDED TO PREVENT SPARKING.
SOAK UP WITH ABSORBENT & PLACE IN NON-LEAKING CONATINERS. SEAL
TIGHTLY FOR PROPER DISPOSAL .

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

Handling and Storage Precautions:TREAT AS A HAZARDOUS-FLAMMABLE
MATERIAL. KNOW APPLICABLE D.O.T. REG. BEFORE ATTEMPTING TO
TRANSPORT THIS MATERIAL.
Other Precautions:WARNING: H
OT ORGANIC CHEMICAL VAPORS OR MISTS ARE
SUSCEPTIBLE TO SUDDEN SPONTANEOUS COMBUSTION WHEN MIXED W/AIR.
IGNITION MAY OCCUR @ TEMPS BELOW THOSE PUBLISHED AS
AUTOIGNITION/IGNITION TEMPS. IGNITI ON TEMPS DECREASE W/INCREASING
VAPOR*

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

Respiratory Protection:IMPORTANT-MUST PROVIDE ADEQUATE VENT TO MAINTAIN
VAPOR CONCENTRATE BELOW ESTAB- LISHED TLV LIMIT AS GIVEN BY OSHA.
IN MORE CONFINED AREAS A NIOSH/MSHA APP

ROVED RESPIRATOR EQUIPPED

WITH ORGANIC VAPOR CARTRIDGE SHOULD BE WORN.

Ventilation:MUST PROVIDE ADEQUATE VENTILATION, SEE PARAGRAPH ABOVE.

Protective Gloves:USE RUBBER GLOVES

Eye Protection:APPROVED SAFETY GOGGLES &/OR FACE SHIELD

Other Protective Equipment:HAVE EYE BATH & SAFETY SHOWER AVAILABLE.

Supplemental Safety and Health

*VOLUME & VAPOR/AIR CONTACT TIME AND ARE INFLUENCED BY PRESSURE CHANGES. IGNITION MAY OCCUR AT TYPICAL ELEVATED TEMPERATURE PROCESS CONDITIONS, ESPECIALLY IN PROCESS OPERATING UNDER VACUUM IF SUBJECTE D TO SUDDEN INGRESS OF AIR, OUTSIDE PROCESS EQUIPMENT OPERATING UNDER ELEVATED PRESSURE IF SUDDEN ESCAPE OF VAPORS/MIST.

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

Boiling Pt:B.P. Text:175 TO 232F

Vapor Density:>AIR

Spec Gravity:1.04

pH:NA

Viscosity:>200 CENTISTO

Evaporation Rate & Reference:3.71 X N-BUTYL ACETATE

Solubility in Water:SLIGHT

Appearance and Odor:CLEAR LIQUID, SOLVENT ODOR

Percent Volatiles by Volume

e:40.0

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

Stability Indicator/Materials to Avoid:YES

OXIDIZING AGENTS & STRONG ALKALIES. NOT CORROSIVE TO METAL.

Stability Condition to Avoid:HEAT, SPARKS, OPEN FLAMES, STRONG ALKALIES, & OXIDIZING AGENTS.

Hazardous Decomposition Products:INCOMPLETE COMBUSTION OR PRODUCTS LIKE THIS MAY GENERATE HIGHLY POISONOUS CARBON MONOXIDE AND OTHER TOXIC GASES

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

Waste Disposal Methods:DISPOSAL MUST BE IN ACCORDANCE WITH CURRENT LOCAL, STATE & FEDERAL REG. CONTACT AN APPROVED DISPOSAL FACILITY

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