

CRAWFORD LABORATORIES INC -- MIL-C-22750 17925 WHITE, PART A M1-051 -- 8010-01-419-1159

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Product Identification  
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Product ID:MIL-C-22750 17925 WHITE, PART A M1-051

MSDS Date:03/07/1996

FSC:8010

NIIN:01-419-1159

Kit Part:Y

MSDS Number: CBVKF

=== 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

Emergency Phone Num:312-376-7132

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

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Composition/Information on Ingredients  
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Ingre

d Name:METHYL ETHYL KETONE (2-BUTANONE) (MEK) (SARA III) (VP =  
71.2 MMHG)  
CAS:78-93-3  
RTECS #:EL6475000  
Fraction by Wt: 12.0%  
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: 8.0%  
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: 19.0%  
Other REC Limits:NONE RECOMMENDED

Ingred Name:N  
APHTHA, LIGHT AROMATIC (VP = 9.0 MMHG)  
CAS:64742-95-6  
Fraction by Wt: 1.2%  
Other REC Limits:NONE RECOMMENDED  
OSHA PEL:50 PPM  
ACGIH TLV:50 PPM 9091

Ingred Name:SILICA, CRYSTALLINE - QUARTZ (MAY BE RELEASED BY SANDING  
DRIED PAINT FILM)  
CAS:14808-60-7  
RTECS #:VV7330000  
Fraction by Wt: 7.20%  
Other REC Limits:NONE RECOMMENDED  
OSHA PEL:NOT EST.  
ACGIH TLV:0.1 MG/M3 RDUST;9495

Ingred Name:VOC = 298.0 GPL  
RTECS #:9999999VO  
Other REC Limits:NONE RECOMMENDED  
OSHA PEL:NOT EST.

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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: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 OR FATAL. PROLONGED OVEREXPOSURE (INHAL)MAY CAUSE DELAYED LUNG DISEASE.

Explanation of Carci

nogenicity:FROM INITIAL LIMITED TESTS/STUDIES IARC

CONCLUDES IS LIMITED EVIDANCE OF CARCINOGENICITY FROM CRYSTALLINE SILICA.

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. VOMITING FROM INGESTION. SKIN DEFATTING/DRYING. SENSITIZATION AFTER REPEATED CONTACT.

===== First Aid Measures =  
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First Aid: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. NEVER 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 Me  
asures =====

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 R

Release Measures =====

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 CONTAINERS. 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: HOT 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. IGNITION TEMPS DECREASE W/INCREASING VAPOR\*

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

Respiratory Protection:IMPORTANT-MUST PROVIDE ADEQUATE VENT TO MAINTAIN VAPOR CONCENTRATE BELOW ESTABLISHED TLV LIMIT AS GIVEN BY OSHA. IN MORE CO

UNFINED AREAS A NIOSH/MSHA APPROVED 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

KEY1:F3. \*VOLUME AND VAPOR/AIR CONTACT TIME AND ARE INFLUENCED BY PRESS CHANGES. IGNITION MAY OCCUR AT TYPICAL ELEVATED TEMP PROCES

S CONDITIONS, ESPECIALLY IN PROCESS OPERATING UNDER VACUUM IF SUBJECTED TO SUDDEN INGRESS OF AIR, OUTSIDE PROCESS EQUIPMENT OPERATING UNDER ELEVATED PRESS IF SUDDEN ESCAPE OF VAPORS/MIST.

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

HCC:F2

Boiling Pt:B.P. Text:175 TO 344F

Vapor Density:>AIR

Spec Gravity:1.35

pH:NA

Viscosity:73 KU

Evaporation Rate & Reference:3.5 X N-BUTYL ACETATE

Solubility in Water:SLIGHT

Appearance and Odor:WHITE, SOLVENT ODOR

Percent

===== 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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