CRAWFORD LABS, INC -- MIL-C-22750 17925 WHITE, PART A M1-051 -- 8010-01-419-1153

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

Product ID:MIL-C-22750 17925 WHITE, PART A M1-051
MSDS Date:03/07/1996
FSC:8010
NIIN:01-419-1153
Kit Part:Y
MSDS Number: CCKVR
=== Responsible Party ===
Company Name:CRAWFORD LABS, INC
Address:4165 S EMERALD AVE
City:CHICAGO
State:IL
ZIP:60609
Country:US
Info Phone Num:312-376-7132
E
mergency Phone Num:312-433-1307
Preparer's Name:DAVID SCHMETTERER
CAGE:5V430
=== Contractor Identification ===
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: 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:NAPHTHA, 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:SI
LICA, 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

========== 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 ASSOCIAT

ED 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.
Explanation of Carcinogenicity:FROM INITIAL LIMITED TESTS/STUDIES IARC CONCLUDES IS LIMITED EVIDANCE OF CARCINOGENICITY FROM CRYSTALINE SILICA.
Effects of Overexposure:OVEREXPOSURE MAY PRODUCE VARIOUS EFFECTS. ACUTE TOXICITY (HEADACHE, DIZZINESS, NAUSEA, LOSS CONSCIOUS
NESS. 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 Aid:EYE: FLUSH W/PLENTY CLEAN H20 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/H20 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 ENTE
R 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 ==========

Spill Release Procedures:WARNING - FLAMMABLE. ELIMINATE ALL IGNITION SOURCES. HANDLING EQUIPMENT MUST BE GROUNDED TO PREVENT SPARKING. SOAK UP WITHABSORBENT & PLACE IN NON-LEAKING CONATINERS. SEAL TIGHTLY FOR PRO

PER 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. IGNITI ON TEMPS DECREASE W/INCREASIN
G
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 APPROVED RESPIRATOR EQUIPPED WITH ORGANIC VAPOR C ARTRIDGE SHOULD BE WORN.
Ventilation:MUST PROVIDE ADEQUATE VENTILATION, SEE PARAGRAPH ABOVE.
Protective Gloves:USE RUBBER GLOVES
Eye Protection:APPROVED SAFETY GOGGLES &/OR FACE SHI
ELD
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 ========
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HCC:F2
Boiling Pt:B.P. Text:175 TO 344F
Vapor Density:>AIR
Spec Gravity:1.35
VOC Pounds/Gallon:298
pH:NA
Viscosity:85 KU
Evaporation Rate & Reference:3.5 X N-BUTYL ACETATE
Solubility in Water:SLIGHT
Appearance and Odor:WHITE, SOLVENT ODOR
Percent Volatiles by Volume:36.2

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

Stability Indicator/Materials to Avoid:YES
OXIDIZING AGENTS & STRONG ALKALIES. NOT CORROSIVE TO METAL.
Stability Condition to Avoid:HEAT, SPAR

KS, 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

========== Other Information ==========

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