

CRAWFORD LABS, INC -- MIL-C-22750 F,37038 BLACK,M 8-100,COMP A -- 8010-01-419-1142
===== Product Identification =====

Product ID:MIL-C-22750 F,37038 BLACK,M 8-100,COMP A
MSDS Date:03/07/1996
FSC:8010
NIIN:01-419-1142
Kit Part:Y
MSDS Number: CCJJF
=== Responsible Party ===
Company Name:CRAWFORD LABS, INC
Address:4165 S EMERALD AVE
City:CHICAGO
State:IL
ZIP:60609
Country:US
Info Phone Num:312-376-7
132
Emergency Phone Num:312-433-1307/800-424-9300(CHEMTREC)
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:NAPHTHA, LIGHT AROMATIC (SOLVENT NAPHTHA)/100 SOLVENT
CAS:64742-95-6
RTECS #:WF3400000
Fraction by Wt: 4.3%
Other REC Limits:NO

NE RECOMMENDED
OSHA PEL:5 MG/M3 AS OIL MIST
ACGIH TLV:5 MG/M3 AS OIL MIST

Ingred Name:METHYL ETHYL KETONE (2-BUTANONE) (MEK) (SARA 313) (CERCLA)
CAS:78-93-3
RTECS #:EL6475000
Fraction by Wt: 11%
Other REC Limits:NONE RECOMMENDED
OSHA PEL:200 PPM
ACGIH TLV:200 PPM/300STEL;9596
EPA Rpt Qty:5000 LBS
DOT Rpt Qty:5000 LBS

Ingred Name:ALIPHATIC GLYCIDYL ETHER/DILUENT 8
CAS:68609-97-2
Fraction by Wt: 3.6%
Other REC Limits:NONE RECOMMENDED

Ingred Name:TOLUENE (SARA 313) (CERCLA)
CAS:108-88-3
RTECS #:
XS5250000
Fraction by Wt: 2.7%
Other REC Limits:NONE RECOMMENDED
OSHA PEL:200 PPM; Z-2
ACGIH TLV:S, 50 PPM; 9596
EPA Rpt Qty:1000 LBS
DOT Rpt Qty:1000 LBS

Ingred Name:EPOXY RESIN
CAS:25085-99-8
Fraction by Wt: 13%
Other REC Limits:NONE RECOMMENDED

Ingred Name:DIATOMACEOUS EARTH, FLUX-CALCINED
CAS:68855-54-9
Fraction by Wt: 9.8%
Other REC Limits:NONE RECOMMENDED

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

LD50 LC50 Mixture:LD50 (ORAL, RAT) IS UNKNOWN.
Routes of Entry:

Inhalation:YES Skin:YES Ingestion:NO

Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO

Health Hazards Acute and Chronic:TARGET ORGANS:EYE, SKIN, CNS, BRAIN, LUNGS. ACUTE- MAY CAUSE SEVERE EYE IRRITATION. INHALATION MAY CAUSE CNS DEPRESSION. MAY BE ABSORBED THROUGH SKIN. MAY CAUSE DRY SKIN. INGESTION CAN BE HARMFUL. MAY CAUSE VOMITING. ASPIRATION HAZARD. CHRONIC- MAY CAUSE DERMATITIS, PERMANENT BRAIN & CNS DAMAGE.

Explanation of Carcinogenicity:NONE

Effects of Overexposure:

HEADACHE, DIZZINESS, NAUSEA, LOSS OF COORDINATION, SEVERE EYE IRRITATION, REDNESS AND ITCHING OR BURNING SENSATION OF EYES OR SKIN, ABDOMINAL PAIN, WEAKNESS, CONFUSION, DIARRHEA, BREATHING DIFFICULTY, UNCONSCIOUSNESS

Medical Cond Aggravated by Exposure:PERSONS WITH PRE-EXISTING SKIN DISORDERS, EYE PROBLEMS OR IMPAIRED CNS, BRAIN OR RESPIRATORY FUNCTION MAY BE MORE SUSCEPTIBLE TO THE EFFECTS OF THIS PRODUCT.

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

=

First Aid:GET MEDICAL ATTENTION IF SYMPTOMS PERSIST. EYES:IMMEDIATELY FLUSH WITH WATER FOR 15 MINUTES. HOLD EYELIDS OPEN. SKIN:WASH WITH SOAP & WATER. INHALED:REMOVE TO FRESH AIR. PROVIDE CPR/OXYGEN IF NECESSAR Y. ORAL:CALL PHYSICIAN IMMEDIATELY. DO NOT INDUCE VOMITING EXCEPT ON ADVICE OF COMPETENT MEDICAL PERSONNEL. IF VOMITING OCCURS SPONTANEOUSLY, KEEP HEAD BELOW HIPS TO PREVENT ASPIRATION INTO LUNGS.

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

=====

Flash Point Method:SCC

Flash Point:22.0F,-5.6C

Lower Limits:1.4%

Extinguishing Media:CARBON DIOXIDE, SAND, FOAM/DRY CHEMICAL. WATER SPRAY MAY BE USED TO KEEP FIRE EXPOSED CONTAINERS COOL.

Fire Fighting Procedures:DO NOT ENTER ANY ENCLOSED OR CONFINED AREA WITHOUT PROPER PROTECTIVE EQUIPMENT AND NIOSH-APPROVED SELF-CONTAINED BREATHING APPARATUS.

Unusual Fire/Explosion Hazard:VAPOR IS HEAVIER THAN AIR AND CAN TRAVEL CONSIDERABLE DISTANCE OR BE MOVED BY VENTILATION TO A SOURCE

OF
IGNITION AND FLASH BACK. CONTAINER MAY EXPLODE.

===== Accidental Release Measures =====

Spill Release Procedures:WEAR PROTECTIVE EQUIPMENT. ELIMINATE SOURCES OF IGNITION. VENTILATE AREA. CONTAIN SPILL. PICK UP SPILL WITH NON-FLAMMABLE ABSORBENT SUCH AS SAND, EARTH OR VERMICULITE. GROUND ALL HANDLING EQUIPMENTS. PREVENT LIQUID FROM ENTERING SEWERS, WATERWAYS.

Neutralizing Agent:NOT RELEVANT

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

Handling and Storage Precautions:STORE IN COOL PLACE, AWAY FROM SOURCES OF IGNITION & INCOMPATIBLE MATERIALS. KEEP OUT OF REACH OF CHILDREN.

Other Precautions:EMPTY CONTAINERS RETAIN RESIDUE AND CAN BE DANGEROUS. DO NOT PRESSURIZE, CUT, WELD, BRAZE, SOLDER, DRILL OR EXPOSE SUCH CONTAINERS TO HEAT, FLAME, SPARKS. DO NOT RE-USE CONTAINER. AVOID BREATHING VAPO RS OR MISTS.

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

Respiratory Protect

ion:NONE REQUIRED WHERE ADEQUATE VENTILATION CONDITIONS EXIST. IF AIRBORNE CONCENTRATION IS HIGH, WEAR A NIOSH-APPROVED ORGANIC VAPOR RESPIRATOR.

Ventilation:MECHANICAL (GENERAL AND/OR LOCAL EXHAUST, EXPLOSION-PROOF) VENTILATION TO MAINTAIN EXPOSURE BELOW TLV(S).

Protective Gloves:RUBBER

Eye Protection:SAFETY GLASSES/CHEMICAL SPLASH GOGGLES

Other Protective Equipment:EYE WASH STATION, SAFETY SHOWER, INDUSTRIAL-TYPE WORK CLOTHING TO PROTECT SKIN

Work Hygienic Practices:OBSERVE GOOD PERSONAL HYGIENE PRACTICES AND RECOMMENDED PROCEDURES. DO NOT WEAR CONTAMINATED CLOTHING OR FOOTWEAR.

Supplemental Safety and Health

KEY1:F3. EPOXY AND POLYAMIDE RESIN EQUALS 4 PINTS.

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

HCC:F2

NRC/State Lic Num:NOT RELEVANT

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

Vapor Density:>1

Spec Gravity:1.33

Evaporation Rate & Reference:3.26 (N-BUTYL ACETATE=1)

Solubility in Water:SLIGHT

Appearance and Odor:BLACK LIQUID

Percent Vol

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

Stability Indicator/Materials to Avoid: YES

STRONG OXIDIZING AGENTS, STRONG BASES

Stability Condition to Avoid: HIGH HEAT, SPARKS, OPEN FLAMES AND OTHER SOURCES OF IGNITION

Hazardous Decomposition Products: MAY FORM CARBON MONOXIDE, CARBON DIOXIDE.

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

Waste Disposal Methods: DISPOSE OF IN ACCORDANCE WITH ALL APPLICABLE FEDERAL, STATE

AND LOCAL LAWS AND REGULATIONS. INCINERATE IN APPROVED FACILITY. DO NOT INCINERATE CLOSED CONTAINER. EPA HAZARDOUS WASTE CODE: D001 (IGNITABLE).

Disclaimer (provided with this information by the compiling agencies): This information is formulated for use by elements of the Department of Defense. The United States of America in no manner whatsoever, expressly or implied, warrants this information to be accurate and disclaims all liability for its use. Any person utilizing this

document should seek competent professional advice to verify and assume responsibility for the suitability of this information to their particular situation.