View NSN Online: https://aerobasegroup.com/nsn/8010-01-350-5240

CRAWFORD LABS, INC -- MIL-C-22750E, #24084, PART A, P/N M4-038 -- 8010-01-350-5240

Product ID:MIL-C-22750E, #24084, PART A, P/N M4-038

MSDS Date:04/20/1994

FSC:8010

NIIN:01-350-5240

Kit Part:Y

MSDS Number: BVGTH === 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 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: TOLUENE (SARA III) (VAPOR PRESSURE 38 MM HG)

CAS:108-88-3

RTECS #:XS5250000 Fraction by Wt: 3.5%

Other REC Limits: NONE RECOMMENDED

OSHA PEL:100 PPM

Α

CGIH TLV:100 PPM;STEL 150 PPM

EPA Rpt Qty:1000 LBS DOT Rpt Qty:1000 LBS

Ingred Name: REACTION PRODUCTS OF EPICHLOROHYDRIN & BISPHENOL A

CAS:25085-99-8 Fraction by Wt: 22%.

Other REC Limits: NONE RECOMMENDED

Ingred Name: DILUENT 8

CAS:68609-97-2 Fraction by Wt: 2.3%

Other REC Limits: NONE RECOMMENDED

Ingred Name:METHYL ETHYL KETONE (SARA III) (VAPOR PRESSURE 71.2 MM HG)

CAS:78-93-3

RTECS #:EL6475000 Fraction by Wt: 17%

Other REC Limits: NONE RECOMMENDED

OSHA PEL:100 PPM ACGIH TLV:200 PPM

EPA Rpt Qt y:5000 LBS

DOT Rpt Qty:5000 LBS

Ingred Name:100 SOLVENT (VAPOR PRESSURE 9. MM HG)

CAS:64742-95-6 Fraction by Wt: 1.6%

Other REC Limits: NONE RECOMMENDED

OSHA PEL:50 PPM ACGIH TLV:50 PPM

Ingred Name:TITANIUM DIOXIDE

CAS:13463-67-7 RTECS #:XR2275000 Fraction by Wt: 3.5%

Other REC Limits: NONE RECOMMENDED

ACGIH TLV:10 MG/M3

Ingred Name: SILICON DIOXIDE (CRYSTALLINE)

CAS:14808-60-7 RTECS #:VV7330000 Fraction by Wt: 17%

Other REC Limits: NONE RECOMMENDED

OSHA PEL:0.1 MG/M3 ACGIH TLV:0.1 MG/M3

Ingred

Name:TITANIUM OXIDE

CAS:13463-67-7 RTECS #:XR2275000 Fraction by Wt: 10%

Other REC Limits: NONE RECOMMENDED

ACGIH TLV:10 MG/M3

Ingred Name: AMORPHOUS SILICA (TITANIUM OXIDE CONTAINS 0-10% AMORPHOUS

SILICA)

CAS:112926-00-8 RTECS #:VV8850000

Other REC Limits: NONE RECOMMENDED

Ingred Name: ALUMINIUM HYDROXIDE (TITANIUM OXIXDE CONTAINS 0-9% ALUMINUM

HYDROXIDE) CAS:21645-51-2 RTECS #:BD0940000

Office DEOLESS AND DEDCE

Other REC Limits: NONE RECOMMENDED

Ingred Name: MIXED PHASE OXIDE

CAS:8007-18-9 Fraction by Wt: 1.5%

Ot

her REC Limits: NONE RECOMMENDED

Ingred Name: DIATOMACEOUS EARTH

CAS:68855-54-9 Fraction by Wt: 6.6%

Other REC Limits: NONE RECOMMENDED

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

Reports of Carcinogenicity:NTP:NO IARC:YES OSHA:NO
Health Hazards Acute and Chronic:OVEREXPOSURE MAY PRODUCE VARIOUS
EFFECTS, INCLUDING: ACUTE TOXICITY (HEADACHE, DIZZINESS, NAUSEA,
UNCONSCIOUSNESS). SEVERE EYE IRRITATION (POSSIBLY PERMANENT
DAMAGE). IRRITATED MUCOUS MEMBRANES.

VOMIT ING DUE TO INGESTION.

DEFATTING & DRYING OF SKIN. SENSITIZATION AFTER REPEATED CONTACT. Explanation of Carcinogenicity:IARC HAS CONCLUDED THAT THERE IS LIMITED EVIDENCE FOR THE CARCINOGENICITY OF CRYSTALLINE SILICA TO HUMANS.

First Aid:EYE:FLUSH W/LUKEWRM LOW PRESSR H2O 15 MIN,LIFT EYELID.GET MED AID.INHAL:REMOVE TO FRESH AIR.GIVE OXYGEN IF BREATH DIFFICLT.GIVE ARTIF RESP,IF NO BREATH.GET MED AID.KEEP WA

RM/COMFRTBL.NEVER GIVE UNCONS CIOUS LIQ.INGEST:CALL DR IMMED.INDUCE VOMIT ON DR'S INSTRCTN.IF VOMIT, KEEP HEAD BELOW HIP. NEVER GIVE ANYTHING TO UNCONSCIOUS.SKIN:FLUSH W/H2O REMOVING CONTAM CLOTH.WASH W/SOAP&H2O.GET MED AID IF IRRIT ============= Fire Fighting Measures ======================== Flash Point Method:TCC Flash Point:20.0F,-6.7C Lower Limits:0.9 Extinguishing Media: FOAM, CO2, OR DRY CHEMICAL Fire Fighting Procedures: WATER MAY BE USED TO COOL EXPOSED CONTAINER, & TO KEEP FLAMMABLE STRUCTURES WET. DON'T ENTER FIRE AREA WITHOUT PROTECTION BECAUSE DECOMP PRODUCT MAY BE PRESENT. Unusual Fire/Explosion Hazard: WATER PRESSURE MAY SPREAD A FLAMMABLE LIQUID FIRE. SEALED CONTAINERS MAY EXPLODE IF OVERHEATED. =========== Accidental Release Measures =============== Spill Release Procedures: WARNING - FLAMMABLE. ELIMINATE ALL IGNITION SOURCES. HANDLING EQUIPMENT MUST BE GROUNDED TO PREVENT SPARKING. SOAK UP WITH AN ABSORBENT AND PLAC E IN NON-LEAKING CONTAINERS. SEAL TIGHTLY FOR PROPER DIS POSAL. ============ Handling and Storage =========================== Handling and Storage Precautions:FLAMMABLE. KNOW DOT REGS BEFORE TRANSPORTING.WARNING:HOT ORGANIC CHEMICAL VAPOR OR MIST SUSCEPTIBLE TO SUDDEN SPONTANEOUS COMBUSTION WHEN MIXED W/AIR. Other Precautions: IGNIT MAY OCCUR AT TEMP BELOW AUTOIGNIT/IGNIT TEMPS.IGNIT TEMPS DECREASE W/INCREASING VAPOR VOLUME & VAPOR/AIR CONTACT TIME & INFLUENCED BY PRES SR CHANGE.IGNIT MAY OCCUR AT ELEVATED TEMP, ESPECIALLY IN VACUUM IF SUDDEN INGRESS AIR OR * ===== Exposure Controls/Personal Protection ========

Respiratory Protection: IMPORTANT-MUST PROVIDE ADEQUATE VENTILATION TO

EQUIPPED WITH ORGANIC V APOR CARTRIDGE SHOULD BE WORN.

Ventilation: MUST PROVIDE ADEQUATE VENTILATION.

Protective Gloves:US

MAINTAIN VAPOR CONCENTRATIONS BELOW ESTABLISHED TLV LIMIT AS GIVEN BY OSHA. IN MORE CONFINED AREAS NIOSH-MSHA APPROVED RESPIRATOR

E RUBBER GLOVES.

Eve Protection: WEAR APPROVED SAFETY GOGGLES OR FACESHLD

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

Work Hygienic Practices: DO NOT REUSE CONTAMINATED CLOTHING OR SHOES.

Supplemental Safety and Health

* OTHER PRECAUTIONS CONT'D: OUTSIDE PROCESS EQUIPMENT OPERATING UNDER ELEVATED PRESSURE IF SUDDEN ESCAPE OF VAPOR OR MIST TO THE ATMOSPHERE OCCURS. ANY PROPOSED USE SHOULD BE THOROUGHLY EVALUATED TO A SSURE THAT SAFE OPERATING CONDITIONS ARE EST

ABLISHED AND MAINTAINED.

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

HCC:F2

Boiling Pt:B.P. Text:174 TO 344F

Vapor Density:> AIR Spec Gravity:1.36 Viscosity:65 KU

Evaporation Rate & Reference: 3.87 X N-BU AC

Solubility in Water:SLIGHT

Appearance and Odor: GREEN LIQUID / SOLVENT ODOR

Percent Volatiles by Volume:38.1 Corrosion Rate:NOT CORR

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

Stability Indicator/Materials to Avoid:YES

MAY BE INCOMP

ATIBLE WITH OXIDIZING AGENTS AND STRONG ALKALIES.

Stability Condition to Avoid: AVOID HEAT, SPARKS, OPEN FLAMES

Hazardous Decomposition Products:INCOMPLETE COMBUSTION FOR 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, AND FEDERAL REGULATIONS. CONTACT AN APPROVED DISPOSAL FACILITY. EPA HAZARDO

US WASTE CODE: D001, IGNITABLE.

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