MIL-C-22750 37038 U8-020 COMP I

MSDS Number

BHFCM

National Stock Number

8010-01-030-7254

Product Name

MIL-C-22750 37038 U8-020 COMP I

Manufacturer

CRAWFORD LABORATORIES INC

Product Identification

Product ID:MIL-C-22750 37038 U8-020 COMP I
MSDS Date:03/14/1989
FSC:8010
NIIN:01-030-7254
Kit Part:Y
MSDS Number: BHFCM

Responsible Party

CRAWFORD LABORATORIES, INC.

4165 SOUTH EMERALD AVENUE

CHICAGO , IL 60609

US

Emergency Phone: 312-433-1307

Info Phone: 312-376-7132

Cage: DO165

Contractor

CRAWFORD LABORATORIES, INC

CHICAGO, IL 60609

US

312-376-7132

Cage: 5V430

Ingredients

ISOPROPYL ALCOHOL (SARA III)

CAS: 67-63-0

RTECS: NT8050000

Fraction By Weight: 20-50%

OSHA PEL400 PPM/500 STEL

ACGIH TLV: 400 PPM/500STEL;9192

METHYL ETHYL KETONE (2-BUTANONE) (MEK) (SARA III)

CAS: 78-93-3

RTECS: EL6475000

Fraction By Weight: 5-20%

OSHA PEL200 PPM/300 STEL

ACGIH TLV: 200 PPM/300STEL 9192

EPA Report Quantity: 5000 LBS

DOT Report Quantity: 5000 LBS

TOLUENE (SARA III)

CAS: 108-88-3

RTECS: XS5250000

Fraction By Weight: 5-20%

OSHA PEL200 PPM/150 STEL

ACGIH TLV: 50 PPM; 9293

EPA Report Quantity: 1000 LBS

DOT Report Quantity: 1000 LBS

XYLENES (O-,M-,P- ISOMERS) (SARA III)

CAS: 1330-20-7

RTECS: ZE2100000

Fraction By Weight: 1-5%

OSHA PEL100 PPM/150 STEL

ACGIH TLV: 100 PPM/150STEL;9192

EPA Report Quantity: 1000 LBS

DOT Report Quantity: 1000 LBS

SILICA, CRYSTALLINE - CRISTOBALITE

CAS: 14464-46-1

RTECS: VV7325000

Fraction By Weight:

OSHA PELSEE TABLE Z3

ACGIH TLV: 0.05 MG/M3 RDUST9293

DIISOBUTYL KETONE

CAS: 108-83-8

RTECS: MJ5775000

Fraction By Weight:

OSHA PEL50 PPM

ACGIH TLV: 25 PPM; 9293

CARBON BLACK

CAS: 1333-86-4

RTECS: FF5800000

Fraction By Weight: 5-20%

OSHA PEL3.5 MG/M3

ACGIH TLV: 3.5 MG/M3; 9192

Hazards

Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO
Health Hazards Acute and Chronic:WARNING! CARE MUST BE TAKEN NOT TO EXCEED THE EXPOSURE LIMIT FOR THE LOWEST TLV SHOWN. WHEN IN DOUBT WEAR AN APPROVED RESPIRATOR AND ORDER AIR SAMPLING TESTS.
Effects of Overexposure:OVEREXP EFFECTS: 1-ACUTE TOXICITY RESULTING IN HEADACHE, DIZZINESS, NAUSEA, AND LOSS OF CONSCIOUSNESS. 2-EYE IRRITATION. 3-IRRITATED MUCOUS MEMBRANES. 4-VOMI- TING DUE TO INGESTION. 5-DEFATTING AND D RYING OF THE SKIN WHICH MAY RESULT ININRRITATION AND DERMATITIS.

First Aid

First Aid:EYE: FLUSH W/CLEAN/LUKEWARM/LOW PRESS WATER FOR 15 MIN LIFTING EYELIDS. GET MED ATTN. INHALATION: REMOVE TO FRESH AIR/PROV OXY IF BREATHING DIF/GIVE CPR IF NEC-ESSARY/KEEP VICTOM QUITE/DO NOT GIVE LIQ UIDS. INGESTION: DO NOT INDUCE VOMIT. IFVOMIT OCCURES KEEP HEAD BELOW HIPS TO PREV ASPIR OF LIQ INTO LUNGS/GET MED ATTN.SKIN: FLUSH W/WATER/REMOVE CONTAM CLOTH/WASH/DO NOT REUSE CLOTHING UNTIL CLEAN.

Fire Fighting

Flash Point Method:SCC
Flash Point:43F 6.11C
Upper Limits:0.8%
Extinguishing Media:FOAM, CO2, OR DRY CHEMICAL.
Fire Fighting Procedures:WATER USED TO KEEP EXPOSED CONT'S COOL/ FLAMMABLE STRUCTURES WET. DO NOT ENTER FIRE AREA WITHOUT PROPER PROTECTION BECAUSE HAZ DECOMP PRODUCTS MAY BE PRESENT.
Unusual Fire/Explosion Hazard:WATER PRESSURE MAY SPREAD A FLAMMABLE LIQUID FIRE. SEALED CONTAINERS MAY EXPLODE IF OVERHEATED.

Accidental Release

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

Handling

Handling and Storage Precautions:TREAT AS A HAZARDOUS-FLAMMABLE MATERIAL. KNOW APPLICABLE D.O.T. REGULATIONS BEFORE ATTEMPTING TOTRANSPORT THIS MATERIAL.

Exposure Controls

Respiratory Protection:IMPORTANT-MUST PROVIDE ADEQUATE VENTILATION TO MAINTAIN VAPOR CONCENTRATIONS BE-LOW THE ESTABLISHED TLV LIMIT AS GIVEN BY OSHA. IN MORE CONFINED AREAS A NIOSH- MSHA RESPIRATOR EQUIPPED WITH ORGANIC VA POR CARTRIDGE SHOULD BE WORN.
Ventilation:MUST PROVIDE ADEQUATE VENTILATION. SEE PARAGRAPH ABOVE.
Protective Gloves:USE RUBBER GLOVES.
Eye Protection:APPROVED SAFETY GOG'S AND/OR FACE SHIELD
Other Protective Equipment:HAVE EYE BATH AVAILABLE.
Work Hygienic Practices:WASH WITH SOAP AND WATER TO REMOVE CONTAMINATION OF SKIN, CLOTHING AND SHOES.
Supplemental Safety and Health
NK

Chemical Properties

Boiling Pt:B.P. Text:174F 343F
Vapor Density:>AIR
Evaporation Rate & Reference:2.43 X N-BUTYL ACETATE
Appearance and Odor:GREY LIQUID
Percent Volatiles by Volume:70.7

Stability

Stability Indicator/Materials to Avoid:YES

MAY BE INCOMPATIBLE WITH OXIDIZING AGENTS AND STRONG ALKALIES.
Stability Condition to Avoid:AVOID HEAT, SPARKS, OPEN FLAMES, AND INCOMPATIBILITIES BELOW.
Hazardous Decomposition Products:INCOMPLETE COMBUSTION FOR PRODUCTS LIKE THIS MAY GENERATE HIGHLY POISONOUS CARBON MONOXIDE AND OTHER TOXIC GASES.

Disposal

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

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