



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- VOMITING DUE TO INGESTION. 5- DEFATTING AND DRYING OF THE SKIN WHICH MAY RESULT IN IRRITATION 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/ PROXY IF BREATHING DIFF/ GIVE CPR IF NECESSARY/ KEEP VICTIM QUIET/ DO NOT GIVE LIQUIDS. INGESTION: DO NOT INDUCE VOMIT. IF VOMIT OCCURS KEEP HEAD BELOW HIPS TO PREVENT ASPIRATION OF LIQUID INTO LUNGS/ GET MED ATTN. SKIN: FLUSH W/ WATER/ REMOVE CONTAMINATED CLOTHING/ 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 CONTAINERS COOL/ FLAMMABLE STRUCTURES WET. DO NOT ENTER FIRE AREA WITHOUT PROPER PROTECTION BECAUSE HAZARDOUS DECOMPOSITION 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 TO TRANSPORT THIS MATERIAL.

Exposure Controls

Respiratory Protection: IMPORTANT- MUST PROVIDE ADEQUATE VENTILATION TO MAINTAIN VAPOR CONCENTRATIONS BELOW THE ESTABLISHED TLV LIMIT AS GIVEN BY OSHA. IN MORE CONFINED AREAS A NIOSH- MSHA RESPIRATOR EQUIPPED WITH ORGANIC VAPOUR CARTRIDGE SHOULD BE WORN.
Ventilation: MUST PROVIDE ADEQUATE VENTILATION. SEE PARAGRAPH ABOVE.
Protective Gloves: USE RUBBER GLOVES.
Eye Protection: APPROVED SAFETY GOGGLES 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.

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.