

## **METHYL ETHYL KETONE**

### **MSDS Number**

BKBXM

### **National Stock Number**

1560-00-563-3585

### **Product Name**

METHYL ETHYL KETONE

### **Manufacturer**

ENGINEERED FABRICS CORP

### **Product Identification**

Product ID:METHYL ETHYL KETONE

MSDS Date:08/01/1988

FSC:1560

NIIN:00-563-3585

Kit Part:Y

MSDS Number: BKBXM

### **Responsible Party**

ENGINEERED FABRICS CORP

669 GOODYEAR STREET

ROCKMART , GA 30153

US

Emergency Phone: 404-684-7855/FAX -7438

Info Phone: 404-684-7855/FAX -7438

Preparer: MARK S. HROSS

Cage: 0KEA0

### **Contractor**

ENGINEERED FABRICS CORP

ROCKMART, GA 30153

US

404-684-7855/FAX -7438

Cage: 0KEA0

### **Ingredients**

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

CAS: 78-93-3

RTECS: EL6475000

Fraction By Weight: >95%

OSHA PEL200 PPM/300 STEL

ACGIH TLV: 200 PPM/300STEL 9192

EPA Report Quantity: 5000 LBS

DOT Report Quantity: 5000 LBS

### **Hazards**

Routes of Entry: Inhalation:YES Skin:YES Ingestion:NO

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

Health Hazards Acute and Chronic:ACUTE-EYE:MAY CAUSE SEVERE

IRRITATION, REDNESS, TEARING, & BLURRED VISION. SKIN: PROLONGED CONTACT MAY CAUSE MODERATE IRRITATION, DEFATTING. INHALATION: MAY CAUSE NASAL & RESPIRATORY IRRITATION, DIZZINESS, HEAD ACHE & UNCONSCIOUSNESS. INGESTION: CAN RESULT IN GI IRRITATION, NAUSEA, VOMITING & DIARRHEA. CHRONIC-DERMATITIS & NUMBNESS.

Effects of Overexposure: SEE HEALTH HAZARDS SECTION.

Medical Cond Aggravated by Exposure: RESPIRATORY SYMPTOMS ASSOCIATED WITH PRE-EXISTING LUNG DISORDERS MAY BE AGGRAVATED BY EXPOSURE TO THIS MATERIAL.

## First Aid

First Aid: CALL A PHYSICIAN. INHALATION: REMOVE TO FRESH AIR. GIVE OXYGEN/CPR IF NEEDED. KEEP WARM & QUIET. EYE: FLUSH WITH WATER FOR 15 MINUTES HOLDING EYELIDS APART. SKIN: REMOVE ANY CONTAMINATED CLOTHING AND WASH SKIN WITH MILD SOAP & WATER. INGESTION: IF CONSCIOUS, GIVE TWO GLASSES OF WATER AND INDUCE VOMITING.

## Fire Fighting

Flash Point Method: CC

Flash Point: -8.9C, 16.F

Lower Limits: 1.4 @ 200 F

Upper Limits: 11.4 @ 200 F

Extinguishing Media: CARBON DIOXIDE, ALCOHOL FOAM, DRY CHEMICAL

Fire Fighting Procedures: FIRE FIGHTERS SHOULD USE A SELF-CONTAINED BREATHING APPARATUS WITH A FULL FACEPIECE UNDER POSITIVE PRESSURE. USE WATER SPRAY TO COOL NEARBY CONTAINERS.

Unusual Fire/Explosion Hazard: VAPORS MAY TRAVEL CONSIDERABLE DISTANCE TO A SOURCE OF IGNITION WHERE THEY MAY IGNITE, FLASH BACK OR EXPLODE. VAPORS ARE HEAVIER THAN AIR. CONTAINERS MAY EXPLODE.

## Accidental Release

Spill Release Procedures: RECOVER FREE PRODUCT. ADD SAND, EARTH OR OTHER SUITABLE ABSORBENT TO SPILL AREA. MINIMIZE BREATHING VAPORS. MINIMIZE SKIN CONTACT. OPEN ALL WINDOWS & DOORS. KEEP PRODUCT OUT OF SEWERS AND WATERCOURSES BY DRAINING OR IMPOUNDING, OTHERWISE CALL AUTHORITIES.

Neutralizing Agent: NONE SPECIFIED BY MANUFACTURER.

## Handling

Handling and Storage Precautions: STORE IN A COOL, DRY PLACE WITH ADEQUATE VENTILATION. KEEP AWAY FROM FLAMES, SPARKS, SUN LIGHT AND STRONG OXIDANTS.

Other Precautions: "EMPTY" CONTAINERS RETAIN RESIDUE. DO NOT PRESSURIZE, CUT, WELD, BRAZE, SOLDER, DRILL, GRIND OR EXPOSE THEM TO HEAT OR ANY OTHER SOURCES OF IGNITION. THEY MAY EXPLODE AND CAUSE INJURY OR DEATH.

## Exposure Controls

Respiratory Protection: USE A NIOSH/MSHA-APPROVED VAPOR RESPIRATOR. IN ACCORDANCE WITH CFR 1910.134 USE EITHER AN ATMOSPHERE-SUPPLYING RESPIRATOR OR AN AIR-PURIFYING RESPIRATOR FOR ORGANIC VAPORS.

Ventilation: USE LOCAL EXHAUST TO CAPTURE VAPOR, MISTS OR FUMES, IF NECESSARY. USE EXPLOSION PROOF VENTILATION APPARATUS.

Protective Gloves: CHEMICAL RESISTANT GLOVES

Eye Protection: SPLASH GOGGLES OR FACE SHIELD

Other Protective Equipment: EYEWASH STATION AND SAFETY SHOWER. CHEMICAL-RESISTANT APRON OR OTHER IMPERVIOUS CLOTHING. DO NOT WEAR CONTACT LENSES.

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

Supplemental Safety and Health

THE KIT CONSISTS OF 3 PARTS, P/N A, B AND C.

## Chemical Properties

HCC:F2

Spec Gravity:0.806  
Solubility in Water:12.5 % @ 25 C  
Appearance and Odor:COLORLESS LIQUID,ACETONE-LIKE ODOR  
Percent Volatiles by Volume:100

## Stability

Stability Indicator/Materials to Avoid:YES  
STRONG OXIDIZERS  
Stability Condition to Avoid:HIGH TEMPERATURES, SPARKS, AND OPEN FLAMES  
Hazardous Decomposition Products:FUMES,SMOKE,CARBON MONOXIDE AND CARBON DIOXIDE,TRACES OF VARIOUS HYDROCARBONS

## Disposal

Waste Disposal Methods:DISPOSE OF IN AN APPROPRIATE DISPOSAL FACILITY IN COMPLIANCE WITH FEDERAL, STATE AND LOCAL REGULATIONS. IF SPILL IN EXCESS OF EPA REPORTABLE QUANTITY (5000 LBS) IS MADE INTO THE ENVIRONMENT,NOTIFY THE NATIONAL RESPONSE CENTER (800-424-8802).

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