

ENGINEERED FABRICS CORP -- 5924C-OA -- 8040-00-518-3455

===== Product Identification =====

Product ID:5924C-OA

MSDS Date:09/01/1993

FSC:8040

NIIN:00-518-3455

MSDS Number: BVTLX

=== Responsible Party ===

Company Name:ENGINEERED FABRICS CORP

Address:669 GOODYEAR ST

City:ROCKMART

State:GA

ZIP:30153

Country:US

Info Phone Num:404-684-7855 OR 202-483-7616

Emergency Phone Num:800-424-9300 OR 216-379-856

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Preparer's Name:WILLIAM R RITTER

CAGE:0KEA0

=== Contractor Identification ===

Company Name:ENGINEERED FABRICS CORP

Address:669 GOODYEAR STREET

Box:City:ROCKMART

State:GA

ZIP:30153

Country:US

Phone:404-684-7855/FAX -7438

CAGE:0KEA0

===== Composition/Information on Ingredients =====

Ingred Name:2-BUTANONE (METHYL ETHYL KETONE) (MEK)

CAS:78-93-3

RTECS #:EL6475000

Fraction by Wt: 70-75%

Other REC Limits:590 MG/CUM

OSHA PEL:200 PPM

ACGIH TLV:590 MG/CUM

EPA Rpt Qty:5000 LBS

DOT R

pt Qty:5000 LBS

Ingred Name:NON-HAZARDOUS INGREDIENTS: BISPHENOL  
A/EPICHLOROXYDRIN-BASED EPOXY RESIN NON-HAZARDOUS FILLERS/MODIF  
CAS:36425-15-7  
Fraction by Wt: 5-10%

Ingred Name:COLUMBIA CARBON, CARBON BLACK, LAMPBLACK, BLACK PEARLS  
(ANIMAL/HUMAN INADEQUATE EVIDENCE, IARC). GROUP 3- \*95-4\*  
CAS:1333-86-4  
RTECS #:FF5800000  
Fraction by Wt: 0-5%  
Other REC Limits:3.5 MG/CUM (NIOSH)  
OSHA PEL:3.5 MG/CUM  
ACGIH TLV:3.5 MG/CUM

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Hazards Identification  
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Routes of Entry: Inhalation:YES Skin:NO Ingestion:NO  
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO  
Health Hazards Acute and Chronic:EYES: SEVERE IRRITATION. INHALATION:  
NASAL & RESPIRATORY IRRITATION, ASPHYXIATION. INGESTION: GI  
IRRITATION. ASPIRATION OF MATERIAL INTO THE LUNGS CAN CAUSE  
CHEMICAL PNEUMONITIS WHICH CAN BE FATAL. CHRONIC:  
PROLONGED/REPEATED CONTACT CAN CAUSE MODERATE IRRITATION OF THE  
SKIN, DEFATTING & DERMATITIS.

Explanation of Carcinogenicity:NON

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Effects of Overexposure:IRRITATION, REDNESS, TEARING, BLURRED VISION,  
DIZZINESS, WEAKNESS, FATIGUE, NAUSEA, HEADACHE, UNCONSCIOUSNESS,  
ASPHYXIATION, VOMITING, DIARRHEA, DEFATTING

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First Aid Measures  
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First Aid:INHALATION: REMOVE TO FRESH AIR. IF BREATHING IS DIFFICULT,  
GIVE OXYGEN/CPR. KEEP WARM & QUIET. EYES: FLUSH W/PLENTY OF WATER.  
SKIN: THOROUGHLY WASH W/SOAP & WATER. INGESTION: ASPIRATION HAZARD.  
DON'T INDUCE VOMITING.  
KEEP WARM & QUIET. OBTAIN MEDICAL ATTENTION  
IN ALL CASES.

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Fire Fighting Measures  
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Flash Point Method:CC  
Flash Point:16F  
Lower Limits:1.4  
Upper Limits:11.4  
Extinguishing Media:ALCOHOL FOAM, CO2, DRY CHEMICAL  
Fire Fighting Procedures:USE SCBA W/FULL FACEPIECE UNDER POSITIVE  
PRESSURE.  
Unusual Fire/Explosion Hazard:VAPORS ARE >AIR & MAY TRAVEL ALONG THE  
GROUND/MAY BE MOVED BY VENTILATION & BE IGNITED AT LOCATIONS  
DISTANT FROM THE MATERIA

L HANDLING POINT. FLAMMABLE LIQUID.

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

Spill Release Procedures:REMOVE IGNITION SOURCES. VENTILATE AREA. WEAR PROTECTIVE EQUIPMENT. DIKE/CONTAIN W/ABSORBANT/AVAILABLE MATERIALS. DON'T ALLOW TO DISCHARGE INTO STORM/SANITARY SEWER. PUMP/BAIL MATERIAL BACK INTO CONTAINER/CLEAN EMPTY CONTAINER OF DOT.

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

Handling and Storage Precautions:STORAGE SHOULD BE WELL VENTILATED.

STORE AWAY FROM SOURCES OF HEAT & OPEN FLAMES. KEEP CONTAINER CLOSED WHEN NOT IN USE.

Other Precautions:CONTACT LENSES SHOULDN'T BE WORN.

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

Respiratory Protection:IF WORKPLACE CONCENTRATIONS EXCEED THE RECOMMENDED TLV'S, USE A NIOSH/MSHA APPROVED RESPIRATOR TO PREVENT OVEREXPOSURE. USE AN ATMOSPHERE SUPPLYING RESPIRATOR/AN AIR PURIFYING RESPIRATOR FOR ORGANIC VAPORS.

Ventilation:ADEQUATE EXPOSURE PROOF TO MAINTAIN VAPORS BELOW THE TLV'S.

Protective Gloves:VITON BEST

Eye Protection:CHEMICAL GOGGLES

Other Protective Equipment:IMPERVIOUS PROTECTIVE CLOTHING

Work Hygienic Practices:REMOVE/LAUNDER CONTAMINATED CLOTHING BEFORE REUSE. CONTACT LENSES SHOULDN'T BE WORN.

Supplemental Safety and Health

KEY1:F3. THIS ENTRY DESCRIBES PART 2 OF A THREE PART KIT. SEE THIS SAME NSN, P/N IND D, FOR PART 1 DATA.

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

HCC:

F5

Spec Gravity:0.84

Solubility in Water:SLIGHT

Appearance and Odor:BLACK LIQUID W/KETONE ODOR.

Percent Volatiles by Volume:88.45

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

Stability Indicator/Materials to Avoid:YES

STRONG OXIDIZING AGENTS

Stability Condition to Avoid:HEAT, OPEN FLAMES & IGNITION SOURCES.

Hazardous Decomposition Products:CO, CO2, VARIOUS HYDROCARBONS, SULFUR OXIDES, TRACES OF HYDROGEN CHLORIDE

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

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Waste Disposal Methods:INCINERATE AT A FACILITY LICENSED FOR DISPOSAL OF IGNITABLE HAZARDOUS WASTE & IAW/FEDERAL, STATE & LOCAL REGULATIONS. FLAMMABLE LIQUID UN1993. F005, D001.

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