

ENGINEERED FABRICS CORP -- 5902C -- 8040-00-518-3455

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

Product ID:5902C

MSDS Date:11/01/1992

FSC:8040

NIIN:00-518-3455

MSDS Number: BVTLY

=== 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 216-379-8562

Prep

arer'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: 60-65%

Other REC Limits:590 MG/CUM

OSHA PEL:200 PPM

ACGIH TLV:200 PPM

EPA Rpt Qty:5000 LBS

DOT Rpt Qty:50

00 LBS

Ingred Name:POLYOXYALKYLENEAMINE  
Fraction by Wt: 25-30%

Ingred Name:DIETHYLTOLUENEDIAMINE  
CAS:68479-98-1  
Fraction by Wt: 5-10%

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

Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES  
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO  
Health Hazards Acute and Chronic:EYES: SEVERE IRRITATION. SKIN:  
PROLONGED/REPEATED CONTACT CAN CAUSE SEVERE IRRITATION/BURNS.  
EXCESSIVE INHALATION OF VAPORS: NASAL & RESPIRATO  
RY  
IRRITATION/ASPHYXIATION. INGESTION: GI IRRITATION. CHRO NIC:  
DERMATITIS & NUMBNESS OF THE EXTREMITIES. SENSITIZATION TO  
DIETHYLTOLUENEDIAMINE HAS OCCURED IN HUMANS.  
Explanation of Carcinogenicity:NONE  
Effects of Overexposure:IRRITATION, REDNESS, TEARING, BLURRED VISION,  
BURNS, BLISTERING, DIZZINESS, WEAKNESS, FATIGUE, NAUSEA, HEADACHE,  
UNCONSCIOUSNESS, ASPHYXIATION, VOMITING, DIARRHEA.

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===== First Aid Measures =====

First Aid:INHALAT  
ION: REMOVE TO FRESH AIR. IF BREATHING IS DIFFICULT,  
GIVE OXYGEN/CPR IF NECESSARY. KEEP WARM & QUIET. EYES: FLUSH  
W/PLENTY OF WATER. SKIN: WASH W/SOAP & WATER. INGESTION: GIVE  
PLENTY OF WATER. DON'T INDUCE VOMITING. NEVER GIVE ANYTHING BY  
MOUTH TO AN UNCONSCIOUS PERSON. OBTAIN MEDICAL ATTENTION IN ALL  
CASES.

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===== Fire Fighting Measures =====

Flash Point Method:CC  
Flash Point:16F  
Lower Limits:1.4  
Upper Limits:11.4  
Extinguishing Media:ALCOH

OL FOAM, CO2, DRY CHEMICAL

Fire Fighting Procedures:USE A SELF CONTAINED BREATHING APPARATUS W/A 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 MATERIAL HANDLING POINT.

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

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

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

Handling and Storage Precautions:STORAGE AREA SHOULD BE WELL VENTILATED. STORE AWAY FROM SOURCES OF HEAT & OPEN FLAMES. KEEP CONTAINER CLOSED WHEN NOT IN USE.

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

Respiratory Protection:IF WORKPLACED 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 EXPLOSION-PROOF VENTILATION TO MAINTAIN VAPORS BELOW THE TLV.

Protective Gloves:BUTYL

Eye Protection:CHEMICAL GOGGLES.

Other Protective Equipment:EYEWASH STATION.

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

Supplemental Safety and Health

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

HCC:F2

Spec Gravity:0.869

Solubility in Water:SLIGHT

Appearance and Odor:OPAQUE LIQUID W/KETONE ODOR.

Percent Volatiles by Volume:69

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

Stability Indicator/Materials to Avoid:YES

STRONG OXIDIZING AGENTS

Stability Condition to Avoid:HEAT, OPEN FLAMES

Hazardous Decomposition Products:HYDROGEN CHLORIDE, CO

, CO2, AMMONIA,  
TRACES OF VARIUS HYDROCARBONS

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

Waste Disposal Methods:INCINERATE AT A FACILITY LICENSED FOR DISPOSAL OF IGNITABLE HAZARDOUS WASTE. DISPOSE OF IN ACCORDANCE W/LOCAL, STATE & FEDERAL REGULATIONS. UN 2924 FLAMMABLE LIQUID, CORROSIVE. F005, D001, D035.

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