

ENGINEERED FABRICS CORP -- 82C31 NSL -- 8040-01-243-6624

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

Product ID:82C31 NSL  
MSDS Date:01/01/1989  
FSC:8040  
NIIN:01-243-6624  
Kit Part:Y  
MSDS Number: BSNJX  
=== 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  
Emergency Phone Num:216-379-8562  
Preparer's Name:M  
ARK S HROSS  
CAGE:0KDP8  
=== Contractor Identification ===  
Company Name:ENGINEERED FABRICS CORP  
Address:669 GOODYEAR ST  
Box:548  
City:ROCKMART  
State:GA  
ZIP:30153  
Country:US  
Phone:404-684-7855  
CAGE:0KDP8  
Company Name:ENGINEERED FABRICS CORPORATION  
Address:669 GOODYEAR STREET  
Box:548  
City:ROCKMART  
State:GA  
ZIP:30153  
Country:US  
Phone:706-684-7855  
CAGE:56221

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

Ingred Name:POLYESTER URETHANE PREPOLYMER  
Fraction by Wt: 60-65%  
  
Ingred Na

me:TOLUENE  
CAS:108-88-3  
RTECS #:XS5250000  
Fraction by Wt: 35-40%  
Other REC Limits:375 MG/CUM  
ACGIH TLV:100 PPM  
EPA Rpt Qty:1000 LBS  
DOT Rpt Qty:1000 LBS

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

Routes of Entry: Inhalation:YES Skin:YES Ingestion:NO  
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO  
Health Hazards Acute and Chronic:INHALATION: MAY CAUSE  
SENSITIZATION/ASTHMA-LIKE SYMPTOMS, NASAL & RESPIRATORY IRRITATION,  
ASPHYXIATION; MAY BE FATAL. SKIN: SE  
NSITIZATION, DERMATITIS.  
Explanation of Carcinogenicity:NONE  
Effects of Overexposure:INHALATION: BRONCHITIS, CHEST TIGHTNESS,  
NOCTURNAL DYSPNEA, PULMONARY EDEMA, DIZZINESS, WEAKNESS, FATIGUE,  
NAUSEA, HEADACHE, POSSIBLE UNCONSCIOUSNESS. SKIN: DEFATTING.

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

First Aid:INHALATION: REMOVE TO FRESH AIR. GIVE CPR/OXYGEN AS NEEDED.  
EYES: FLUSH W/WATER. SKIN: REMOVE EXCESS MATERIAL. WASH W/SOAP &  
WATER. FLUSH W/PLENTY OF  
WATER. DON'T USE SOLVENTS AS THIS WILL  
ENHANCE SKI N ABSORPTION. INGESTION: OBTAIN MEDICALATTENTION IN ALL  
CASES.

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

Flash Point Method:CC  
Flash Point:40F  
Lower Limits:1.21%  
Upper Limits:7.1%  
Extinguishing Media:ALCOHOL FOAM, CO2, DRY CHEMICAL  
Fire Fighting Procedures:WEAR SELF-CONTAINED BREATHING APPARATUS W/FULL  
FACEPIECE UNDER POSITIVE PRESSURE.  
Unusual Fire/Explosion Hazard:IRRITATING FUMES MAY BE RELEASED AT

TEMPERATURES STARTING AT 160F. INCOMPLETE COMBUSTION MAY PRODUCE HIGH SMOKE LEVELS.

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

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

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

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

Other Precautions:DON'T WEAR CONTACT LENSES.

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

Respiratory Protection:USE NIOSH/MSHA APPROVED RESPIRATOR; EITHER AN ATMOSPHERE-SUPPLYING RESPIRATOR OR AIR-PURIFYING RESPIRATOR FOR ORGANIC VAPORS

Ventilation:ADEQUATE EXPLOSION-PROOF TO MAINTAIN VAPORS BELOW TLV

Protective Gloves:CHEMICAL GOGGLES

Eye Protection:VITON

Other Protective Equipment:IMPERVIOUS PROTECTIVE CLOTHING

Supplemental Safety and Health

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

Spec Gravity:1.02

Appearance and Odor:BLACK LIQUID

Percent Volatiles by Volume:42

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

Stability Indicator/Materials to Avoid:YES  
STRONG OXIDIZING AGENTS, AMMONIA

Stability Condition to Avoid:HEAT & OPEN FLAME

Haza

rdous Decomposition Products:CO, CO2, NITROGEN OXIDES, POSSIBLE  
TRACES OF AROMATIC AMINES, HYDROGEN CYANIDE

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

Waste Disposal Methods:ALL MATERIALS THAT WERE USED IN CLEAN-UP PROCESS  
ARE CONSIDERED TO BE HAZARDOUS WASTE. INCINERATE AT A FACILITY  
LICENSED FOR DISPOSAL OF IGNITABLE HAZARDOUS WASTE. FLAMMABLE  
LIQUID. NA 1133.

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