

3M GENERAL OFFICES -- 3M EC-776 FUEL RESISTANT COATING -- 8040-00-433-4065

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

Product ID:3M EC-776 FUEL RESISTANT COATING

MSDS Date:01/27/1989

FSC:8040

NIIN:00-433-4065

MSDS Number: BKYKS

=== Responsible Party ===

Company Name:3M GENERAL OFFICES

Address:3M CENTER

City:ST PAUL

State:MN

ZIP:55144-1000

Info Phone Num:(612) 733-1110

Emergency Phone Num:(612) 733-1110

CAGE:04963

=== Contractor Identification ===

Company Name:3M MINNE

SOTA MINING AND MFG CO ADHESIVES SEALERS DIV

Address:3M CTR

Box:City:SAINT PAUL

State:MN

ZIP:55144-1000

Country:US

Phone:800-364-3577/651-737-6501(24 HOURS)

CAGE:04963

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

Ingred Name:METHYL ISOBUTYL KETONE (SARA III)

CAS:108-10-1

RTECS #:SA9275000

Fraction by Wt: 60-70%

Other REC Limits:50 PPM

OSHA PEL:100 PPM/75 STEL

ACGIH TLV:50 PPM/75 STEL; 9293

EPA Rpt Qty:5000 LBS

DOT Rpt Qty:5000 LBS

Ingred Name:PHENOLIC RESIN, PHENOL FO

RMALDEHYDE RESIN, PHENOL POLYMER  
W/FORMALDEHYDE, PHENOL-FORMALDEHYDE COPOLYMER  
CAS:9003-35-4  
Fraction by Wt: 10-20%

Ingred Name:2-PROPENENITRILE POLYMER W/ 1,3-BUTADIENE,  
ACRYLONITRILE-BUTADIENE COPOLYMER  
CAS:9003-18-3  
Fraction by Wt: 10-20%

Ingred Name:ETHYL ALCOHOL (ETHANOL)  
CAS:64-17-5  
RTECS #:KQ6300000  
Fraction by Wt: 1-10%  
Other REC Limits:1900 MG/CUM  
OSHA PEL:1000 PPM  
ACGIH TLV:1000 PPM; 9192

Ingred Name:METHYL ALCOHOL (METHANOL) (SARA III)  
CAS:67-56-1  
RTECS #:PC1400000  
Fraction by Wt: 0.1-1%  
Other REC Limits:200 PPM  
OSHA PEL:S,200PPM/250STEL  
ACGIH TLV:S,200PPM/250STEL; 93  
EPA Rpt Qty:5000 LBS  
DOT Rpt Qty:5000 LBS

Ingred Name:ETHYL ACETATE (SARA III)  
CAS:141-78-6  
RTECS #:AH5425000  
Fraction by Wt: 0.0-0.1%  
Other REC Limits:400 PPM  
OSHA PEL:400 PPM  
ACGIH TLV:400 PPM; 9192  
EPA Rpt Qty:5000 LBS  
DOT Rpt Qty:5000 LBS

Ingred Name:VOL ORGANIC CMPD: 647 GM/L  
RTECS #:9999999VO

===== 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: IRRITATION, EDEMA, REDNESS, & TEARING. SKIN: ROUGHNESS & REDNESS. INHALATION: RESPIRATORY SYSTEM IRRITATION, LIGHT-HEADEDNESS, HEADACHE, & DIZZINESS. INGESTION: KIDNEY/LIVER DAMAGE & DIGESTIVE S YSTEM IRRITATION.

Explanation of Carcinogenicity:NONE

Effects of Overexposure:EYES: BURNING SENSATION & BLURRED VISION. SKIN: DRYNESS. INHALATION: WEAKNESS, FATIGUE, UN CONSCIOUSNESS, BREATHING DIFFICULTIES, & LUNG DAMAGE. INGESTION: LIGHT-HEADEDNESS, NAUSEA, & VOMITING. SOLVENT ASPIRATION INTO THE LUNGS MAY CAUSE DAMAGE OR IN THE EXTREME, DEATH.

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

First Aid:EYES: FLUSH W/PLENTY OF WATER FOR AT LEAST 10 MINS. SKIN: WASH W/SOAP & WATER. INHALATION: REMOVE TO FRESH AIR. RESTORE/SUPPORT BREATHING AS NECESSARY. INGESTION: DON'T INDUCE VOMITING. GIVE 2 GLASSES OF MILK/WATE R TO DRINK. DON'T GIVE LIQUIDS TO UNCONSCIOUS PERSON. IF SPONTANEOUS VOMITING OCCURS, LOWER HEAD BELOW HIPS TO PREVENT ASPIRATION INTO LUNGS. OBTAIN MEDICAL ATTENTION IN ALL CASES.

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

Flash Point:50F  
Lower Limits:1.40%  
Upper Limits:19%  
Extinguishing Media:CO2, FOAM, OR DRY CHEMICALS  
Fire Fighting Procedures:WEAR SELF-CONTAINED BREATHING APPARATUS.  
Unusual Fire/Explosion Hazard:FLAMMABLE LIQUID. CLOSED CONTAINERS

ADJACENT TO FIRE COULD EXPLODE DUE TO PRESSURE BUILDUP.

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

Spill Release Procedures:EXTINGUISH ALL IGNITION SOURCES. VENTILATE THE AREA. OBSERVE PRECAUTIONS. CONTAIN SPILL. COVER W/ABSORBENT MATERIALS AS NEEDED. COLLECT SPILLED MATERIAL USING NON-SPARKING TOOLS. PLACE IN DOT APPROVED METAL CONTAINER, & SEAL.

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

Handling and Storage Precautions:FOR IND

USTRIAL OR PROFESSIONAL USE

ONLY. KEEP AWAY FROM HEAT, SPARKS, & FLAME. USE ONLY IN AREAS  
W/SUFFICIENT VENTILATION.

Other Precautions:AVOID CONTACT W/EYES, SKIN, & BREATHING OF VAPORS.  
KEEP CONTAINERS CLOSED WHEN NOT IN USE. KEEP OUT OF REACH OF  
CHILDREN.

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

Ventilation:PROVIDE SUFFICIENT VENTILATION TO KEEP 5

Solubility in Water:INSOLUBLE

Appearance and Odor:TRANSPARENT AMBER, THIN LIQUID W/CHARACTERISTIC  
KET

ONE ODOR.

Percent Volatiles by Volume:74%

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

Stability Indicator/Materials to Avoid:YES

Stability Condition to Avoid:FIRE, EXCESSIVE HEAT, FLAME, SPARKS, &  
OTHER IGNITION SOURCES

Hazardous Decomposition Products:CO, CO2, NITROGEN, & SMOKE PARTICLES

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

Waste Disposal Methods:INCINERATE ABSORBED & BULK PRODUCT AFTER MIXING  
W/FLAMMABLE MATERIAL IN A LICENSED

HAZARDOUS WASTE FACILITY IN

ACCORDANCE W/LOCAL, STATE, & FEDERAL REGULATIONS. U.S. EPA

HAZARDOUS WASTE NUMBER: D001 ( IGNITABLE). FLAMMABLE LIQUID.

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