

3M GENERAL OFFICES -- EC-678-M INDUSTRIAL ADHESIVE -- 8040-00-262-9060
===== Product Identification =====

Product ID:EC-678-M INDUSTRIAL ADHESIVE

MSDS Date:01/01/1990

FSC:8040

NIIN:00-262-9060

MSDS Number: BNTCZ

=== Responsible Party ===

Company Name:3M GENERAL OFFICES

Address:3M CENTER

City:SAINT PAUL

State:MN

ZIP:55144-1000

Country:US

Info Phone Num:612-733-1110

Emergency Phone Num:612-733-1110

CAGE:04963

=== Contractor Identification ===

Company Name:3M MINNESOTA 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 ETHYL KETONE (SARA III)

CAS:78-93-3

RTECS #:EL6475000

Fraction by Wt: 50-60%

Other REC Limits:NONE SPECIFIED

ACGIH TLV:200 PPM TWA

EPA Rpt Qty:5000 LBS

DOT Rpt Qty:5000 LBS

ingred Name:POLY (VINYLIDENE CHLORIDE)

CAS:9002-85-1

Fraction by Wt: 40-50%

Other REC Limits:NONE SPECIFIED

ingred Name:VOC: 574 GRAMS/LITER

RTECS #:9999999VO

Other REC Limits:NONE SPECIFIED

ingred Name:VOC MINUS WATER MINUS EXEMPT SOLVENTS: 574 GRAM/LITER.

(VOC'S WERE CALCULATED ACCORDING TO RULE 443.1 OF SOUTH *

RTECS #:9999999VO

Other REC Limits:NONE SPECIFIED

ingred Name:* COAST AIR QUALITY MANAGEMENT DISTRICT [SCAQMD])

RTECS #:9999999ZZ

Other REC Limits:NONE SPECIFIED

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

Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES

Health Hazards Acute and Chronic:EYES: IRRITATION. SKIN:

PROLONGED/REPEATED SKIN CONTACT MAY CAUSE DRY, CRACKED SKIN LEADING TO INFECTION & DERMATITIS. INHAL: RESPIRATORY SYSTEM IRRITATION & TEMP NERVOUS SYSTEM IMPAIRMENT. INGEST: DI GESTIVE SYS IRRIT & TEMP NERVOUS SYSTEMIMPAIRMENT. SOLVENT ASPIRATION INTO LUNGS (VOMIT) MAY CAUSE LUNG DAMAGE, DEATH.

Effects

of Overexposure:INHALATION: DIZZINESS, WEAKNESS, HEADACHE,

NAUSEA, LOSS OF COORDINATION, STUPOR. INGESTION: NAUSEA, VOMITING, DIARRHEA AND DIZZINESS.

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

First Aid:EYE: IMMEDIATELY FLUSH EYES WITH LARGE AMOUNTS OF WATER FOR AT LEAST 10 MINUTES. CALL A PHYSICIAN. SKIN: WASH AFFECTED AREAS WITH SOAP AND WATER. INHALATION: REMOVE INDIVIDUAL TO FRESH AIR. CALL A PHY SICIAN. IF SWALLOWED: DO NOT INDUCE VOMITING.

IMMEDIATELY CALL A PHYSICIAN OR POISON CONTROL CENTER.

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

Flash Point:20.0F,-6.7C

Lower Limits:1.80

Upper Limits:11.50

Extinguishing Media:CO2, FOAM, DRY CHEMICAL.

Fire Fighting Procedures:FIRE FIGHTERS SHOULD BE EQUIPPED WITH SELF-CONTAINED BREATHING APPARATUS WHEN FIGHTING FIRES INVOLVING THIS MATERIAL.

Unusual Fire/Explosion Hazard:EXTREMELY FLAMMABLE. OVERHEATED, CLOSED CONTAINERS ADJACENT TO FIRE COULD EXPLODE DUE TO INTERNAL PRESSURE BUILDUP.

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

Spill Release Procedures:EXTINGUISH ALL IGNITION SOURCES. VENTILATE AREA. OBSERVE PRECAUTIONS FROM OTHER SECTIONS. CONTAIN SPILL. COVER WITH ABSORBENT MATERIAL. COLLECT SPILLED MATERIAL USING NON-SPARKING TOOLS. PLACE IN US D EPT OF TRANSPORTATION METAL CONTAINER AND SEAL.

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

Handling and Storage Precaution

s:FOR INDUSTRIAL/PROFESSIONAL USE ONLY.

KEEP PRODUCT & VAPOR AWAY FORM HEAT/IGNIT SOURCES. VAPOR EASILY IGNITED. EXTINGUISH IGNIT SOURCES IN WK AREA.

Other Precautions:AVOID BREATHING OF VAPOR. USE ONLY IN AREAS W/SUFF VENT. PREVENT EYE CONTACT/SKIN CONTACT. DON'T INGEST. GRND CNTNRS WHEN TRANSFERRING PROD. KEEP CNTNR CLOSED. KEEP OUT OF REACH OF CHILDREN.

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

Ventilation:USE LOCAL EXHAUST VENT (E.G. SPRAY BOOT H) IF NEEDED.

PROVIDE SUFFICIENT VENT TO KEEP CONC BELOW TLV.

Protective Gloves:WEAR PROTECTIVE GLOVES.

Eye Protection:CHEMICAL GOGGLES OR SAFETY GLASSES.

Work Hygienic Practices:WASH THOROUGHLY IF SKIN CONTACT OCCURS.

Supplemental Safety and Health

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

HCC:F2

Boiling Pt:B.P. Text:175F,79C

Vapor Pres:80.0000

Vapor Density:2.5

Spec Gravity:1.000 (WATER=1)

Viscosity:11,000 CPS

Evaporation Rate & Reference:2.70 (ETHER=1)

Sol

ubility in Water:SLIGHT

Appearance and Odor:BLACK, THIN SYRUP, KETONE ODOR.

Percent Volatiles by Volume:57.00

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

Stability Indicator/Materials to Avoid:YES

Hazardous Decomposition Products:CO, CO2, HCL, AND NITROGEN

DECOMPOSITION PRODUCTS WHEN SUBJECTED TO EXCESSIVE HEAT OR FLAME.

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

Waste Disposal Methods:INCINERATE ABSORBED AND BULK PRODUCT AFTER
MIXING

WITH FLAMMABLE MATERIAL IN LICENSED HAZARDOUS WASTE
FACILITY. DISPOSAL SHOULD BE IN ACCORDANCE WITH APPLICABLE
REGULATIONS. US EPA HAZARDOUS WASTE NO: D001 (IGNITABLE).

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