

3M ADHESIVES COATINGS & SEALERS DIV. -- EC-1937A SEALING COMPOUND,PART A --
8030-00-151-9976

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

Product ID:EC-1937A SEALING COMPOUND,PART A

MSDS Date:04/25/1988

FSC:8030

NIIN:00-151-9976

Kit Part:Y

MSDS Number: BGWZC

=== Responsible Party ===

Company Name:3M ADHESIVES COATINGS & SEALERS DIV.

Address:3M CENTER

City:ST. 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 (2-BUTANONE) (MEK) (SARA III)

CAS:78-93-3

RTECS #:EL6475000

Fraction by Wt: 90-100%

Other REC Limits:300 PPM (STEL)

OSHA PEL:200 PPM/300 STEL

ACGIH TLV:200 PPM/300STEL 9192

EPA Rpt Qty:5000 LBS

DOT Rpt Qty:5000 LBS

Ingred Name:GLYCOL DIMERCAPTOACETATE

CAS:123-81-9

RTECS #:AI6600000

Fraction by Wt: 1-10%

===== 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:SEE SIGNS AND SYMPTOMS OF
OVEREXPOSURE.

Effects of Overexposure:EYES/SKIN:IRRITATION.

INHALATION:IRRITATION,TEMPORARY NERVOUS SYSTEM IMPAIRMENT

(LIGHT-HEADEDNESS).SYMPTOMS MAY INCLUDE IRRITATION OF THE NOSE,THROAT,DIZZINESS,US SYSTEM IMPAIRMENT.ASPIRATION INTO LUN GS MAY CAUSE DAMAGE,DEATH.

Medical Cond Aggravated by Exposure:INDIVIDUALS WITH A HISTORY OF RESPIRATORY DISEASES MAY BE AT INCREASED RISK FROM EXPOSURE.

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

First Aid:EYES: FLUSH WITH PLENTY OF WATER FOR 15 MINUTES.SEE DOCTOR.
SKIN:REMOVE CONTAMINATED CLOTHING AND SHOES. WASH WITH SOAP AND

WATER.SEE DOCTOR. INHALATION: REMOVE VICTIM TO FRESH AIR.GIVE OXYGEN/CPR IF WATER OR MILK IF CONSCIOUS.DO NOT INDUCEVOMIT.SEE DOCTOR IMMEDIATELY.NOTHING BY MOUTH IF UNCONSCIOUS.

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

Flash Point Method:COC

Flash Point:20F,-6.7C

Lower Limits:1.8

Upper Limits:11.5

Extinguishing Media:FOAM,DRY CHEMICAL,CARBON DIOXIDE,WATER FOG.

Fire Fighting Procedures:WEAR SELF-CONTAINED BREATHING APPARATUS AND PROTECTIVE CLOTHING.US

E WATER SPRAY TO COOL FIRE EXPOSED CONTAINERS AND TO DISPERSE UNIGNITED VAPORS

Unusual Fire/Explosion Hazard:VAPORS HEAVIER THAN AIR.CAN TRAVEL A LONG DISTANCE ALONG GROUND AND FLASHBACK.OVERHEATED CONTAINERS MAY EXPLODE IN A FIRE.

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

Spill Release Procedures:CONTACT YOUR LOCAL ENVIRONMENTAL OFFICER.WEAR PROTECTIVE CLOTHING & EQUIPMENT.EVACUATE PERSONNEL.ELIMINATE IGNITION SOURCES.VENTILATE AREA.USE NON-SPARKI

NG TOOLS.STOP

LEAK.ABSORB IN INERT ABSORBENT & PLACE INTO APPROPRIATE DISPOSAL CONTAINER& SEAL.

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

Handling and Storage Precautions:STORE IN COOL,DRY,WELL VENTILATED PLACE,AWAY FROM HEAT,IGNITION SOURCES AND INCOMPATIBLE MATERIALS.KEEP CONTAINERS CLOSED WHEN NOT IN USE.

Other Precautions:BOND AND GROUND CONTAINERS.NO SMOKING IN AREA.

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

Respiratory

Protection:NIOSH/MSHA RESPIRATOR WITH CARTRIDGE APPROPRIATE FOR EXPOSURE OF CONCERN OR SCBA IF TLV IS EXCEEDED.
Ventilation:SUFFICIENT MECHANICAL (GENERAL) AND/OR LOCAL EXHAUST VENTILATION TO MAINTAIN EXPOSURE BELOW TLV.
Protective Gloves:NEOPRENE.
Eye Protection:CHEMICAL SAFETY GOGGLES.
Other Protective Equipment:FULL WORK CLOTHING TO PREVENT REPEATED OR PROLONGED SKIN CONTACT. EYE WASH STATION AND SAFETY SHOWER.
Work Hygienic Practices:AVOID CONTACT WITH EYES & SKIN.DO NOT BREATHE VAPORS.WASH THOROUGHLY AFTER HANDLING.LAUNDER CONTAMINATED CLOTHING.
Supplemental Safety and Health
EPA HAZARDOUS WASTE NUMBER D001(IGNITABLE).THIS IS PART A OF A 2-PART PRODUCT.FOR PART B,SEE PNI B,SAME NSN.KEY1:F2.

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

HCC:F2
Boiling Pt.=79.4C, 175.F
Vapor Pres:80
Vapor Density:2.5
Spec Gravity:1.46
Evaporation Rate & Reference:2.7 (ETHER=1)
Appearance and Odor:BLUE-GREEN,THIN LIQUID,SWEET/SHARP ODOR.
Percent Vo
latiles by Volume:95

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

Stability Indicator/Materials to Avoid:YES
STRONG OXIDIZERS
Stability Condition to Avoid:HEAT,SPARKS,OPEN FLAMES
Hazardous Decomposition Products:CARBON MONOXIDE,CARBON DIOXIDE,INCOMPLETELY BURNED CARBON PRODUCTS,HYDROCHLORIC ACID AND NITROGEN OXIDES.

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

Waste Disposal Methods:KEEP IN COVERED DRUMS PENDING DISPOSAL.CONTACT YOUR

LOCAL ENVIRONMENTAL OFFICER FOR DISPOSAL.INCINERATE ABSORBED
PRODUCT AFTER MIXING WITH FLAMMABLE MATERIAL.DISPOSE OF IN
ACCORDANCE W/ ALL APPLICABLE FEDERAL, STATE & LOCAL ENVIRONMENTAL
REGULATIONS.

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