

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

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Product Identification
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Product ID:EC-1937B SEALING COMPOUND,PART B

MSDS Date:04/25/1988

FSC:8030

NIIN:00-151-9976

Kit Part:Y

MSDS Number: BGWZD

=== Responsible Party ===

Company Name:3M ADHESIVES COATINGS & SEALERS DIV.

Address:3M CENTER

City:ST. PAUL

State:MN

ZIP:55144-1000

Country:US

Info Ph

one 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

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Composition/Information on Ingredients
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Ingred Name:ETHYL ACETATE (SARA III)

CAS:141-78-6

RTECS #:AH5425000

Fraction by Wt: 40-50%

Other REC Limits:400 PPM

OSHA PEL:400 PPM

ACGIH T

LV:400 PPM; 9192
EPA Rpt Qty:5000 LBS
DOT Rpt Qty:5000 LBS

Ingred Name:METHYL ETHYL KETONE (2-BUTANONE) (MEK) (SARA III)
CAS:78-93-3
RTECS #:EL6475000
Fraction by Wt: 30-40%
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:FLUOSILICONE ELASTOMER
Fraction by Wt: 1-10%

Ingred Name:MAGNESIUM OXIDE
CAS:1309-48-4
RTECS #:OM3850000
Fraction by Wt: 1-10%
OSHA PEL:15 MG/M3 PARTICULATE
ACGIH TLV:10 MG/M3;TDU
ST; 9293

Ingred Name:TITANIUM DIOXIDE
CAS:13463-67-7
RTECS #:XR2275000
Fraction by Wt: 1-10%
OSHA PEL:15 MG/M3 TDUST
ACGIH TLV:10 MG/M3 TDUST; 9293

Ingred Name:ANTIMONY TRIOXIDE (SARA III)
CAS:1309-64-4
RTECS #:CC5650000
Fraction by Wt: 0.1-1%
OSHA PEL:0.5 MG/M3 (SB)
ACGIH TLV:0.5 MG SB/M3; 9192
EPA Rpt Qty:1000 LBS
DOT Rpt Qty:1000 LBS

===== 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.

Explanation of Carcinogenicity:ANTIMONY TRIOXIDE IS A SUSPECTED HUMAN CARCINOGEN BY ACGIH.

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:l

NDIVIDUALS WITH A HISTORY OF

RESPIRATORY DISEASES MAY BE AT INCREASED RISK FROM EXPOSURE.

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===== 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.

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

Flash Point Method:SCC

Flash Point:18F,-7.8C

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.USE 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.O

VERHEATED CONTAINERS MAY EXPLODE IN A FIRE.

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

Spill Release Procedures:CONTACT YOUR LOCAL ENVIRONMENTAL OFFICER.WEAR PROTECTIVE CLOTHING & EQUIPMENT.EVACUATE PERSONNEL.ELIMINATE IGNITION SOURCES.VENTILATE AREA.USE NON-SPARKING TOOLS.STOP LEAK.ABSORB IN INERT ABSORBENT & PLACE INTO APPROPRIATE DISPOSAL CONTAINER& SEAL.

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

Handling and Storage P

recautions: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(IGNITIBLE).THIS IS PART B OF A 2-PART
PRODUCT.FOR PA

RT A,SEE PNI A,SAME NSN.KEY1:F2.

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

HCC:F2

Boiling Pt:=77.2C, 171.F

Vapor Pres:72.4

Vapor Density:3

Spec Gravity:0.92

Evaporation Rate & Reference:2.7 (ETHER=1)

Solubility in Water:NEGLIGIBLE

Appearance and Odor:LIGHT GRAY,THIN LIQUID,SWEET/SHARP ODOR.

Percent Volatiles by Volume:82

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

Stability Indicator/Materials to Avoid:YES

STRONG OXIDIZERS

Stability Cond

ition 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 W/ FLAMMABLE MATERIAL.DISPOSE OF IN ACCORDANCE
WITH ALL APPLICABLE FEDERAL
, STATE & LOCAL ENVIRONMENTAL
REGULATIONS.

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