

3M GENERAL OFFICES, AEROSPACE MATERIALS DEPARTMENT -- SCOTCH WELD BRAND EC-3960
ADHESIVE PRIMER -- 8040-01-032-4051

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Product Identification
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Product ID:SCOTCH WELD BRAND EC-3960 ADHESIVE PRIMER

MSDS Date:03/05/1990

FSC:8040

NIIN:01-032-4051

MSDS Number: BKBMC

==== Responsible Party ====

Company Name:3M GENERAL OFFICES, AEROSPACE MATERIALS DEPARTMENT

Address:3M CENTER

City:ST. PAUL

State:M

N

ZIP:55144

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

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Composition/Information on Ingredients
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Ingred Name:METHYL ETHYL KETONE (2-BUTANONE) (MEK) (SARA III)

CAS:78-93-3

RTECS #:EL6475000

Fraction by Wt: 40

-50%

Other REC Limits:NONE SPECIFIED

OSHA PEL:200 PPM/300 STEL

ACGIH TLV:200 PPM/300STEL 9192

EPA Rpt Qty:5000 LBS

DOT Rpt Qty:5000 LBS

Ingred Name:DIACETONE ALCOHOL (4-HYDROXY-4-METHYL-2-PENTANONE)

CAS:123-42-2

RTECS #:SA9100000

Fraction by Wt: 10-20%

Other REC Limits:NONE SPECIFIED

OSHA PEL:50 PPM

ACGIH TLV:50 PPM; 9192

Ingred Name:TETRAHYDROFURAN (SARA III)

CAS:109-99-9

RTECS #:LU5950000

Fraction by Wt: 10-20%

Other REC Limits:NONE SPECIFIED

OSHA PEL:200 PPM/250 STEL

TEL;9192
EPA Rpt Qty:1000 LBS
DOT Rpt Qty:1000 LBS

Ingred Name:EPOXY RESIN
Fraction by Wt: 10-20%
Other REC Limits:NONE SPECIFIED
OSHA PEL:NONE
ACGIH TLV:NONE

Ingred Name:EPOXY RESIN
CAS:28064-14-4
Fraction by Wt: 1-10%
Other REC Limits:NONE SPECIFIED
OSHA PEL:NONE
ACGIH TLV:NONE

Ingred Name:PROPYLENE GLYCOL MONOMETHYL ETHER
CAS:107-98-2
RTECS #:UB7700000
Fraction by Wt: 1-10%
Other REC Limits:NONE SPECIFIED
OSHA PEL:100 PPM/150 STEL
ACGIH TLV:100 PPM/150STEL;9192

Ingred Name:WATER
CAS:7732-18-5
RTECS #:ZC0110000
Fraction by Wt: 1-10%
Other REC Limits:NONE SPECIFIED
OSHA PEL:NONE
ACGIH TLV:NONE

Ingred Name:STRONTIUM CHROMATE (SARA III)
CAS:7789-06-2
RTECS #:GB3240000
Fraction by Wt: 0.1-1.0%
Other REC Limits:NONE SPECIFIED
OSHA PEL:0.1 PPM CRO3;CEILING
ACGIH TLV:0.0005MG CR/M3;A2;93
EPA Rpt Qty:10 LBS
DOT Rpt Qty:10 LBS

Ingred Name:METHYL ALCOHOL (METHANOL) (SARA III)
CAS:67-56-1
RTECS #:PC1400000
Fraction by Wt: 0.1-1.0%
Other REC Limits:NONE SPECIFIED
OSHA PEL:S,200PPM/250STEL

ACGIH TLV:S,200PPM/250STEL; 93
EPA Rpt Qty:5000 LBS
DOT Rpt Qty:5000 LBS

Ingred Name:ACETONE (SARA III)
CAS:67-64-1
RTECS #:AL3150000
Fraction by Wt: 0.1-1.0%
Other REC Limits:NONE SPECIFIED
OSHA PEL:1000PPM
ACGIH TLV:750PPM/1000STEL;9293
EPA Rpt Qty:5000 LBS
DOT Rpt Qty:5000 LBS

Ingred Name:VOC: 761 GRAMS/LITER. VOC MINUS WATER MINUS EXEMPT
SOLVENTS: 761 GRAMS/LITER.
RTECS #:9999999VO
Other REC Limits:NONE SPECIFIED

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

Reports of Carcinogenicity:NTP:YES IARC:YES OSHA:YES
Health Hazards Acute and Chronic:EYE: SEVERE IRRITATION & POSSIBLE
PERMANENT DAMAGE. SKIN: PROLONGED/REPEATED CONTACT POSSIBLE
IRRITATION. ALLERGIC REACTION IN SOME INDIVIDUALS. THF MAY BE
ABSORBED THROUGH THE SKIN. SYMPTOMS ARE DRYNESS, CRACKING &
DERMATITIS. INHALE: RESPIRATORY SYS IRRITATION, LIGHT-HEADEDNESS,
LIVER, KIDNEY, LUNG, BLOOD CHANGES & *

Explanation of Carcinogenicity:STRONTIUM CHROMATE IS A POTENTIAL CA
NCER

HAZARD CAUSING PROSTATE, LUNG AND URINARY-GENITAL CANCER.

Effects of Overexposure:*NERVOUS SYSTEM EFFECTS AND SEVERE HEADACHES.
SYMPTOMS ARE DIZZINESS, WEAKNESS, FATIGUE AND UNCONSCIOUSNESS.
INGEST: MAY CAUSE DIGESTIVE SYSTEM IRRITATION, NAUSEA, VOMITING,
LOSS OF COORDINATION, NARCOSIS. MAY CAUSE LIVER AND KIDNEY DAMAGE.
ASPIRATION OF PRODUCT TO LUNGS CAN RESULT IN LUNG DAMAGE, WHICH CAN
BE FATAL.

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

First Aid:EYE: FLUSH WITH LARGE AMOUNTS OF WATER FOR AT LEAST 10 MINUTES. CALL A PHYSICIAN. FLUSHING MAY NOT PREVENT EYE INJURY. SKIN: WASH AFFECTED AREA WITH SOAP AND WATER. INHALATION: MOVE AFFECTED PERSON TO UNCONTAMINATED AIR. CALL A PHYSICIAN. INGESTION: DO NOT INDUCE VOMITING. IF PERSON IS CONSCIOUS GIVE ONE TO TWO GLASSES OF WATER. IMMEDIATELY CALL A PHYSICIAN.

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

Flash Point Method:TCC

Flash Point:6

F,-14C

Lower Limits:1.8

Upper Limits:11.8

Extinguishing Media:CO2, FOAM, DRY CHEMICALS.

Fire Fighting Procedures:FIREFIGHTERS SHOULD WEAR 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. CONTAIN THE SPILL. COVER WITH ABSORBENT MATERIALS AS NEEDED.

COLLECT SPILLED MATERIAL USING NON-SPARKING TOOLS. PLACE IN A US DOT APPROVED METAL CONTAINER AND SEAL.

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

Handling and Storage Precautions:KEEP AWAY FROM IGNITION SOURCES. KEEP CONTAINER CLOSED WHEN NOT IN USE. KEEP OUT OF THE REACH OF CHILDREN.

Other Precautions:VAPORS RELEASED BY THIS PRODUCT CAN BE IGNITED EASILY AND BURN

EXPLOSIVELY. AVOID BREATHING VAPOR/SPRAY. PREVENT EYE AND SKIN CONTACT. REMOVE CONTAMINATED CLOTHES AND LAUNDRER BEFORE REUSE.

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

Respiratory Protection:AVOID BREATHING VAPOR/SPRAY. USE A SUPPLIED AIR RESPIRATOR WHEN PRODUCT IS BEING SPRAYED.

Ventilation:USE ONLY IN AREAS WITH VENTILATION SUFFICIENT TO MAINTAIN VAPOR/SPRAY CONCENTRATIONS BELOW RECOMMENDED EXPOSURE LIMITS.

Protective Gloves:POLYVINYL ALCOHOL(PVA) IS PR

REFERRED TYPE

Eye Protection:CHEMICAL GOGGLES OR FULL FACE SHIELD

Work Hygienic Practices:USE ENGINEERING CONTROLS TO PREVENT SKIN CONTACT WHENEVER POSSIBLE IN PREFERENCE TO GLOVES.

Supplemental Safety and Health

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

Boiling Pt:B.P. Text:151F,66C

Vapor Pres:145

Vapor Density:2.5

Spec Gravity:0.88

Viscosity:10 CPS

Evaporation Rate & Reference:> 2 (ETHER=1)

Solubility in Water:0.1-1.0%

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

Percent Volatiles by Volume:89.5

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

Stability Indicator/Materials to Avoid:YES

STRONG OXIDIZING AGENTS.

Stability Condition to Avoid:DO NOT STORE PRODUCT ABOVE 0 DEG F.

Hazardous Decomposition Products:CO, CO2, OXIDES OF NITROGEN INCLUDING HCN, OXIDES OF CHROMIUM, OXIDES OF STRONTIUM, CHLORINE AND SMOKE PARTICLES.

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

Waste Disposal Meth

ods:DO NOT LANDFILL BULK OR CURED WASTE. SEND UNUSED

BULK OR FULLY CURED WASTE TO A PERMITTED HAZARDOUS WASTE FACILITY FOR PROPER DISPOSAL. DISPOSAL SHOULD BE IN ACCORDANCE WITH APPLICABLE REGULATIONS. US EPA HAZ WASTE #D001 (IGNITABLE) & D007(CHROME).

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