

3M CENTER -- SCOTCH-WELD BRAND EC-3960 STRUCTURAL ADHESIVE PRIMER --
8040-01-032-4051

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

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

MSDS Date:04/12/1989

FSC:8040

NIIN:01-032-4051

MSDS Number: BKHVB

=== Responsible Party ===

Company Name:3M CENTER

City:ST. PAUL

State:MI

ZIP:55144-1000

Info Phone Num:(612) 733-1110

Emergency Phone Num:(612) 733-11

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CAGE:07884

=== Contractor Identification ===

Company Name:MECHANICAL SPRING CORP

Address:330 BUTLER ST

Box:City:BROOKLYN

State:NY

ZIP:11217-2702

Country:US

Phone:718-852-0116

CAGE:07884

Company Name:MINNESOTA MINING AND MFG CO HEALTH CARE SERVICES DIV

Address:3M CTR BLDG 275-4E-01

Box:City:ST PAUL

State:MN

ZIP:55144-1000

Country:US

Phone:800-854-0631

CAGE:28156

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

Ingred Name:VOL ORGANIC CMPD: 761 GRAMS/LITER

RTECS #:9999999V

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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:590 MG/CUM
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:50 PPM
OSHA PEL:50 PPM
ACGIH TLV:50 PPM; 9192

Ingred Name:TETRAHYDROFURAN (SARA III)
CAS:109-99-9
RTECS #:LU5950000
F
raction by Wt: 10-20%
Other REC Limits:200 PPM
OSHA PEL:200 PPM/250 STEL
ACGIH TLV:200 PPM/250STEL;9192
EPA Rpt Qty:1000 LBS
DOT Rpt Qty:1000 LBS

Ingred Name:RESIN
Fraction by Wt: 10-20%
Other REC Limits:10 MG/CUM (DUST)

Ingred Name:PHENOL, POLYMER WITH FORMALDEHYDE, GLYCIDYL ETHER
CAS:28064-14-4
Fraction by Wt: 1-10%

Ingred Name:PROPYLENE GLYCOL MONOMETHYL ETHER
CAS:107-98-2
RTECS #:UB7700000
Fraction by Wt: 1-10%
Other REC Limits:100 PPM
OSHA PEL:100 PPM/150 STEL
ACGIH TLV:100 PPM/150STEL;9

Ingred Name:WATER, H2O
CAS:7732-18-5
RTECS #:ZC0110000
Fraction by Wt: 1-10%

Ingred Name:STRONTIUM CHROMATE (SARA III)
CAS:7789-06-2
RTECS #:GB3240000
Fraction by Wt: 0.1-1.0%
Other REC Limits:1 UG/CUM A1
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:200 PPM
OSHA PEL:S,200PPM/250STEL
ACGIH TLV:S,200PPM/250STEL; 93
EP
A 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:590 MG/CUM
OSHA PEL:1000PPM
ACGIH TLV:750PPM/1000STEL;9293
EPA Rpt Qty:5000 LBS
DOT Rpt Qty:5000 LBS

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

Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES
Reports of Carcinogenicity:NTP:YES IARC:YES OSHA:YES
Health Hazards Acute and Chronic:EYES: IRRITATION, PERMANENT DAMAGE.

SKIN: IRRITATION, DRYNESS, CRACKING, DERMATITIS, ALLERGIC REACTION.
INHALATION: RESPIRATORY SYSTEM IRRITATION, LIGHT-HEADEDNESS, LIVER,
KIDNEY/LUNG DAMAGE, BLOOD DISORDERS, HEADACHE, DIZZINESS,
WEAKNESS, FATIGUE, UNCONSCIOUSNESS. INGESTION: DIGESTIVE SYSTEM
IRRITATION.

Explanation of Carcinogenicity: STRONTIUM CHROMATE IS A CONSIDERED TO BE
AN A1 CARCINOGEN.

Effects of Overexposure: INGESTION: NAUSEA, VOMITING, LOSS OF
COORDINATION, NARCOSIS, LIVER/KIDNEY DAMAGE. ASPIR
ATION OF THE

LIQUID PRODUCT INTO THE LUNGS AS A RESULT OF VOMITING MAY CAUSE
LUNG DAMAGE, FATAL. SKIN: IRRITATION, ULCERATION. INHALATION:
NERVOUS SYSTEM EFFECTS.

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

First Aid: EYES: FLUSH W/COPIOUS AMOUNTS OF WATER FOR AT LEAST 10 MINS.
SKIN: WASH AFFECTED AREA W/ SOAP & WATER. INHALATION: MOVE AFFECTED
PERSON TO UNCONTAMINATED AIR. INGESTION: DON'T INDUCE VOMITING. IF
PERSON IS CONSCIOUS GIVE 1 TO 2 GLA
SSES OF WATER. OBTAIN MEDICAL
ATTENTION IN ALL CASES.

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

Flash Point Method: TCC

Flash Point: 6.00F

Lower Limits: 1.80%

Upper Limits: 11.80%

Extinguishing Media: CO2, FOAM, DRY CHEMICALS

Fire Fighting Procedures: FIRE FIGHTERS 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 EXP
LODE DUE TO INTERNAL PRESSURE
BUILDUP.

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

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

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

Handling and Storage Precautions: FOR INDUSTRIAL

OR PROFESSIONAL USE

ONLY. KEEP PRODUCT/ITS VAPORS AWAY FROM ALL SOURCES OF IGNITION.
AVOID BREATHING VAPOR/SPRAY, CONTACT W/SKIN/EYES.

Other Precautions:THE VAPORS RELEASED BY THIS PRODUCT CAN BE IGNITED
EASILY/BURN EXPLOSIVELY. KEEP CONTAINER CLOSED WHEN NOT IN USE.
KEEP OUT OF THE REACH OF CHILDREN.

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

Respiratory Protection:USE A SUPPLIED-AIR RESPIRATOR WHEN PRODUCT IS
BEING SPRAYED.

Ventilation:USE ONLY AR
EAS W/VENTILATION SUFFICIENT TO KEEP VAPOR/SPRAY
2.00

Solubility in Water:0.1-1.0%

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

Percent Volatiles by Volume:89.50%

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

Stability Indicator/Materials to Avoid:YES

Stability Condition to Avoid:HEAT, SOURCES OF IGNITION, FLAME. DON'T
STORE >0F.

Hazardous Decomposition Products:CO, CO2, OXIDES OF NITROGEN INCLUDING
HYDROGEN CYANIDE, OXIDES OF CHROMIUM/STRONTIUM/
CHLORINE & SMOKE.

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

Waste Disposal Methods:DON'T LANDFILL BULK OR CURED WASTE. SEND UNUSED
BULK OR FULLY CURED WASTE TO A PERMITTED HAZARDOUS WASTE FACILITY
FOR PROPER DISPOSAL. DISPOSE SHOULD BE IN ACCORDANCE W/APPLICABLE
REGULATIONS. U.S. EP A HAZARDOUS WASTE: D001 (IGNITABLE)/D007
(CHROME).

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