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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

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

ΕP

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 DI SORDERS, 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: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 PERSO N 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-APP ROVED METAL CONTAINER, & SEAL.

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

Handling and Storage Precautions: FOR INDUSTRIAL

Ventilation: USE ONLY AR

EAS W/VENTILATION SUFFICIENT TO KEEP VAPOR/SPRAY

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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