

MINNESOTA MINING AND MFG CO -- SCOTCH-WELD (TM) EC-1945A METAL PRIMER --  
8040-00-065-6578

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

Product ID:SCOTCH-WELD (TM) EC-1945A METAL PRIMER

MSDS Date:04/22/1991

FSC:8040

NIIN:00-065-6578

Kit Part:Y

MSDS Number: BQXZX

=== Responsible Party ===

Company Name:MINNESOTA MINING AND MFG CO

Address:3M CTR

City:SAINT PAUL (FORMALLY IN DETROITT, MI)

State:MN

ZIP:55144-10

00

Country:US

Info Phone Num:612-733-1341/612-733-1110

Emergency Phone Num:612-733-1341

Preparer's Name:C.A. EISENHARD

CAGE:76381

=== Contractor Identification ===

Company Name:MINNESOTA MINING AND MFG CO, DBA 3M

Address:3M CENTER BLDG 224-5S-04

Box:City:SAINT PAUL

State:MN

ZIP:55144-1000

Country:US

Phone:866-556 5712 / 612-733-1110

CAGE:76381

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

Ingred Name:ISOPROPYL ALCOHOL (SARA III)

CAS:67-63-0

RTECS #:NT8050000

Fraction by

Wt: 40-50%  
Other REC Limits:NONE SPECIFIED  
OSHA PEL:400 PPM/STEL 500 PPM  
ACGIH TLV:400 PPM/STEL 500 PPM

Ingred Name:TOLUENE (SARA III)  
CAS:108-88-3  
RTECS #:XS5250000  
Fraction by Wt: 15-25%  
Other REC Limits:NONE SPECIFIED  
OSHA PEL:200 PPM/150 STEL  
ACGIH TLV:50 PPM; 9293  
EPA Rpt Qty:1000 LBS  
DOT Rpt Qty:1000 LBS

Ingred Name:METHYL ETHYL KETONE (SARA III)  
CAS:78-93-3  
RTECS #:EL6475000  
Fraction by Wt: 15-25%  
Other REC Limits:NONE SPECIFIED  
OSHA PEL:200 PPM/STEL 300 PPM  
ACGIH TLV:200 PPM/STEL 300  
PPM  
EPA Rpt Qty:5000 LBS  
DOT Rpt Qty:5000 LBS

Ingred Name:XYLENE (SARA III)  
CAS:1330-20-7  
RTECS #:ZE2100000  
Fraction by Wt: 5-15%  
Other REC Limits:NONE SPECIFIED  
OSHA PEL:100 PPM/STEL 150 PPM  
ACGIH TLV:100 PPM/STEL 150 PPM  
EPA Rpt Qty:1000 LBS  
DOT Rpt Qty:1000 LBS

Ingred Name:ALIPHATIC AMINE (VENDOR TRADE SECRET)  
Fraction by Wt: 1-10%  
Other REC Limits:NONE SPECIFIED

Ingred Name:MAXIMUM VOC: 733 GRAMS/LITER. MAXIMUM VOC MINUS WATER MINUS  
EXEMPT SOLVENTS: 733 GRAMS/LITER. (SCAQMD RULE 443.

1)  
RTECS #:9999999VO  
Other REC Limits:NONE SPECIFIED

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

Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES  
Health Hazards Acute and Chronic:ACUTE;EYE:IRRIT. SKIN: IRRIT, ALLERGIC REACTION (DRY, CRACK). INHALE:IRRIT, TEMPORARY NERV SYS IMPAIRMENT (LIGHT- HEADED). HEART, LIVER, KIDNEY, BLOOD CHANGES. INGEST:DIGEST SYS IRRIT, NERV SYS IMPAIR MENT (NAUSEA, VOMIT, ABDOM PAIN, MALAISE, DIZZY, UNCOORDINATION). SOL VENT ASPIRATION INTO LUNG MAY CAUSE DAMAGE OR DEATH  
Effects of Overexposure:CHRONIC; INHALATION: REPEATED OR EXTREME OVEREXPOSURE TO TOLUENE VAPORS MAY CAUSE NERVOUS SYSTEM DAMAGE.

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

First Aid:EYE: FLUSH EYES WITH LARGE AMOUNTS OF WATER FOR AT LEAST 10 MINUTES. CALL A PHYSICIAN. SKIN: THOROUGHLY WASH AFFECTED AREA WITH SOAP AND WATER. INHALATION: REMOVE PERSON TO UNCONTAMINATED AIR. CALL A PHYSICIAN. IF SWALLOWED: DO NOT INDUCE VOMITING. IMMEDIATELY CALL A PHYSICIAN OR POISON CONTROL CENTER.

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

Flash Point:22.0F,-5.6C  
Lower Limits:1.00  
Upper Limits:12.00  
Extinguishing Media:CO2, FOAM, DRY CHEMICALS  
Fire Fighting Procedures:FIRE FIGHTERS SHOULD BE EQUIPPED WITH SELF-CONTAINED BREATHING APPARATUS WHEN FIGHTING FIRES INVOLVING THIS MATERIAL.  
Unusual Fire/Explosion Hazard:FLAMMABLE. OVERHEATED, CLOSED CONTAINERS ADJACENT TO FIRE COULD EXPLODE DUE TO INTERNAL PRESSURE BUILDUP.

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

Spill Release Procedures:EXTINGUISH IGNITION SOURCES. VENTILATE AREAS. OBSERVE PRECAUTIONS FROM OTHER SECTIONS. CONTAIN SPILL. COVER WITH ABSORBENT MATERIALS. COLLECT THE SPILLED MATERIAL USING NON-SPARKING TOOLS. PLACE IN DOT APPROVED METAL CONTAINER AND SEAL.

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

Handling and Storage

Precautions:KEEP AWAY FROM HEAT, IGNIT SOURCE.

EASILY IGNITED. USE W/VENT (KEEP BELOW TLV/PEL). AVOID BREATHING VAPOR DURING SPRAY. KEEP OUT OF REACH OF CHILDREN.

Other Precautions:AVOID BREATHING VAPORS RELEASED DURING HEAT CURING. VENT CURING OVENS TO OUTDOORS OR EMISSION CONTROL DEVICE. KEEP CONTAINER CLOSED WHEN NOT IN USE. AVOID EYE AND SKIN CONTACT.

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

Respiratory Protection:FOR SPRAY APPLICATIONS USE AN OPE RATING SPRAY

BOOTH, AND WEAR A SUPPLIED AIR RESPIRATOR.

Ventilation:CURING OVENS SHOULD BE PROPERLY VENTED TO OUTDOORS OR SUITABLE EMISSION CONTROL DEVICE.

Protective Gloves:WEAR IMPERVIOUS GLOVES

Eye Protection:WEAR CHEMCIAL SAFETY GOGGLES

Other Protective Equipment:SEAR EYE AND SKIN PROTECTIVE EQUIPMENT WHEN HANDLING THIS PRODUCT.

Work Hygienic Practices:WASH CONTAMINATED CLOTHING BEFORE REUSE.

Supplemental Safety and Health

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

HCC:F2

Boiling Pt:B.P. Text:175F,79CMEK

Vapor Pres:80.0000

Vapor Density:>2.00

Spec Gravity:0.820 (WATER=1)

Evaporation Rate & Reference:>3.00 (ETHER=1)

Solubility in Water:VERY SLIGHT

Appearance and Odor:CLEAR AMBER, LIQUID, SOLVENT ODOR

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

Stability Indicator/Materials to Avoid:YES

Hazardous Decomposition Products:CO, CO2, NITROGEN COMPOUNDS AND SMOKE PARTICLES WHEN SUBJECTED TO EXCESSIVE HEAT OR FLAME.

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

Waste Disposal Methods: THIS PRODUCT CONTAINS TWO PARTS. FOR ACCELERATOR: INCINERATE ABSORBED & BULK PRODUCT AFTER MIXING W/FLAMM MAT'L IN LICENSED WASTE FACILITY. DISPOSAL SHOULD BE IN ACCORDANCE WITH REGULATIONS. US EPA HA ZARDOUS WASTE NO: D001 (IGNITABLE).

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