

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-

1000

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 3
00 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 44

3.1)
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). S
OLVENT 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 S
WALLOWED: 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 ADJ
ACENT 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 DO T APPROVED METAL CONTAINER AND SEAL.

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

Handling and Storag

e 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 OPERATING 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 CHEMICAL 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 HAZARDOUS WASTE NO: D001
(IGNITABLE).

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