

MINNESOTA MINING AND MFG CO -- SCOTCH-WELD (TM) 2216 PART A GRAY EPOXY ADH --
8040-00-145-0019

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

Product ID:SCOTCH-WELD (TM) 2216 PART A GRAY EPOXY ADH

MSDS Date:10/24/2000

FSC:8040

NIIN:00-145-0019

Status Code:A

Kit Part:Y

MSDS Number: CLKVN

=== Responsible Party ===

Company Name:MINNESOTA MINING AND MFG CO

Address:3M CENTER

City:SAINT PAUL

State:MN

ZIP:55144-1

000

Country:US

Info Phone Num:800-364-3557 / 651-737-6501(24 HR)

Emergency Phone Num:(800)424-9300

Preparer's Name:HENRY SIMMONS

Chemtrec Ind/Phone:(800)424-9300

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:ALIPHATIC POLYMER DIAMINE

C

AS:68911-25-1
Minumum % Wt:40.
Maxumum % Wt:70.

Ingred Name:KAOLIN
CAS:1332-58-7
RTECS #:GF1670500
Minumum % Wt:30.
Maxumum % Wt:60.
OSHA PEL:15 MG/M3
ACGIH TLV:2 MG/M3

Ingred Name:CARBON BLACK
CAS:1333-86-4
RTECS #:FF5800000
Minumum % Wt:.01
Maxumum % Wt:.08
OSHA PEL:3.5 MG/M3
ACGIH TLV:3.5 MG/M3

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

Effects of Overexposure:EYE CONTACT: CHEMICAL RELATED BURNS (CHEMICAL CORROSIVITY): SIGNS/SYMPTOMS CAN INCLUDE CLOUDY APPEARANCE OF THE CORNEA, CHEMICAL BURNS, PAIN, TEARING, ULCERS, IMPAIRED VISION OR LOSS OF VISION. SKIN CONTACT: ALLERGIC SKIN REACTION: SIGNS/SYMPTOMS CAN INCLUDE REDNESS, SWELLING, BLISTERING, AND ITCHING. INHALATION: IRRITATION (UPPER RESPIRATORY) SIGNS/SYMPTOMS CAN INCLUDE SORENESS OF THE NOSE AND THROAT, COUGHING AND SNEEZING .IF SWALLOWED: IRRITATION OF GASTROINTESTINAL TISSUES: SIGN/SYMPTOMS CAN INCLUDE PAIN, VOMITING, ABDOMINAL TENDERNESS, NAUSEA, BLOOD IN VOMITUS, AND BLOOD IN FECES.

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

First Aid:EYE CONTACT: IMMEDIATELY FLUSH EYES WITH LARGE AMOUNTS OF WATER FOR AT LEAST 15 MINUTES. GET IMMEDIATE MEDICAL ATTENTION. SKIN CONTACT: IMMEDIATELY WASH SKIN WITH SOAP AND WATER AND LARGE AMOUNTS OF WATER. REMOVE CONTAMINATED CLOTHING. IF SIGN/SYMPTOMS OCCUR, CALL A PHYSICIAN. WASH CONTAMINATED CLOTHING BEFORE REUSE AND DISPOSE OF CONTAMINATED SHOES. INHALATION: IF SIGNS/SYMPTOMS OCC

UR,
REMOVE PERSON TO
FRESH AIR. IF SIGN/SYMPTOMS CONTINUE, CALL A PHYSICIAN. IF SWALLOWED;
DO NOT INDUCE
VOMITING. DRINK TWO GLASSES OF WATER. CALL A PHYSICIAN.

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

Extinguishing Media:WATER, CARBON DIOXIDE, DRY CHEMICAL, FOAM
Fire Fighting Procedures:WEAR FULL PROTECTIVE CLOTHING, INCLUDING
HELMET, SELF-CONTAINED, POSITIVE PRESSURE OR PRESSURE DEMAND
BREATHING APPARATUS, BUNKER COAT AND PANTS, BANDS AROUND ARMS,

WAIST AND LEGS, FACE MASK, AND PROTECTIVE COVERING FOR EXPOSED
AREAS OF THE HEAD.
Unusual Fire/Explosion Hazard:NONE KNOWN.

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

Spill Release Procedures:REFER TO OTHER SECTIONS OF THIS MSDS FOR
INFORMATION REGARDING PHYSICAL AND HEALTH
HAZARDS, RESPIRATORY PROTECTION, VENTILATION, AND PERSONAL PROTECTIVE
EQUIPMENT.
COVER WITH ABSORBENT MATERIAL. COLLECT SPILLED MATERIAL. PLACE IN A
U.S. DOT
APPROVED CONTAINER.

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

Respiratory Protection:AVOID BREATHING OF VAPORS. AVOID BREATHING OF
DUST CREATED BY CUTTING, SANDING OR GRINDING. SELECT ONE OF THE
FOLLOWING APPROVED RESPIRATORS BASED ON AIRBORNE CONCENTRATION OF
CONTAMINANTS AND IN ACCORDANCE WITH OSHA REGULATIONS: HALF-MASK
DUST RESPIRATOR.
Ventilation:PROVIDE APPROPRIATE LOCAL EXHAUST FOR GRINDING, CUTTING, OR
SANDING CURED MATERIAL.
Protective Gloves:POLYETHYLENE
/ETHYLENE VINYL ALCOHOL.
Eye Protection:WEAR VENTED GOGGLES. WEAR SAFETY GLASSES WITH SIDE
SHIELDS.
Work Hygienic Practices:DO NOT EAT, DRINK OR SMOKE WHEN USING THIS
PRODUCT. WASH EXPOSED AREAS THOROUGHLY WITH SOAP AND WATER. DO NOT
INGEST.
Supplemental Safety and Health

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

Spec Gravity:1.260
Viscosity:40,000-80,000CPS
Solubility in Water:NIL
Appearance and Odor:PASTE, GRAY, PUNGENT ODOR.
Percent Volatiles by Volume:

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

Stability Indicator/Materials to Avoid: YES

HEAT IS GENERATED DURING CURE. DO NOT CURE A MASS LARGER THAN 50 GRAMS IN A CONFINED SPACE IN A CONFINED SPACE TO PREVENT A PREMATURE REACTION (EXOTHERM) WITH PRODUCTION OF INTENSE HEAT AND SMOKE.

Hazardous Decomposition Products: CARBON MONOXIDE AND CARBON DIOXIDE, OXIDES OF NITROGEN, AMINE COMPOUNDS, TOXIC VAPORS, GASES OR PARTICULATES.

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

Waste Disposal Methods: CURE PRODUCT ACCORDING TO PRODUCT INSTRUCTION. INCINERATE UNCURED WASTE IN AN INDUSTRIAL OR COMMERCIAL INCINERATOR. DISPOSE OF COMPLETELY CURED (OR POLYMERIZED) MATERIAL IN A SANITARY LANDFILL.

===== Regulatory Information =====

Federal Regulatory Information: VOLATILE ORGANIC COMPOUNDS: 43 GMS/LITER TESTED PER EPA METHOD. VOLATILE ORGANIC COMPOUNDS CA. 12 GMS/LITER TESTED PER EPA METHOD 24A MIXED WITH PART B. VOC LESS & EXEMPT SOLVENTS: CA. 32 GMS/LITER TESTED PER EPA METHOD 24A

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