

MINNESOTA MINING AND MFG CO -- SCOTCH-WELD 2216 B/A PART B GRAY EPOXY ADHESIVE --
8040-00-145-0019

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

Product ID:SCOTCH-WELD 2216 B/A PART B GRAY EPOXY ADHESIVE

MSDS Date:08/27/1997

FSC:8040

NIIN:00-145-0019

Status Code:A

MSDS Number: CLKVL

=== Responsible Party ===

Company Name:MINNESOTA MINING AND MFG CO

Address:3M CENTER

City:SAINT PAUL

State:MN

ZIP:55144-1000

Country:US

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

Emergency Phone Num:800-424-9300

Preparer's Name:RYAN MICKELSON

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:EPOXY RESIN

CAS:25068-38-6

Code:F

RTECS #:CE6880000

Mininum % W

t:70.
Maxumum % Wt:80.

Ingred Name:KAOLIN
CAS:1332-58-7
RTECS #:GF1670500
Minumum % Wt:20.
Maxumum % Wt:30.
OSHA PEL:15 MG/M3
ACGIH TLV:2 MG/M3

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

Effects of Overexposure:EYE CONTACT: MODERATE EYE IRRITATION:
SIGNS/SYMPTOMS CAN INCLUDE REDNESS, SWELLING,
PAIN, TEARING, AND HAZY VISION. VAPORS FROM HEATED MATERIAL MAY CAUSE
EYE
IRRITATION. DUST CREATED BY CUTTING, GRINDING, SANDING, OR MACHINING
MAY CAUSE EYE
IRRIATA
TION. SKIN CONTACT: ALLERGIC SKIN REACTION: SIGNS/SYMPTOMS CAN
INCLUDE RENESS,
SWELLING, BLISTERING, AND ITCHING. INHALATION: IRRITATION (UPP ER
RESPIRATORY) :SIGNS/SYMPTOMS CAN INCLUDE SORENESS OF THE NOSE AND
THROAT, COUGHING AND SNEEZING.
VAPORS OF HEATED MATERIAL MAY CAUSE RESPIRATORY SYSTEM IRRITATION. DUST
FROM
CUTTING, GRINDING, S ANDING OR MACHINING MAY CAUSE IRRITATION

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

First Aid:EYE CONTACT: IMMEDIATE
LY FLUSH EYES WITH LARGE AMOUNTS OF
WATER. GET IMMEDIATE
MEDICAL ATTENTION. SKIN CONTACT: IMMEDIATELY WASH SKIN WITH SOAP AND
LARGE
AMOUNTS OF WATER. REMOVE CONTAMINATED CLOTH ING. IF SIGNS/SYMPTOMS
OCCUR, CALL A
PHYSICIAN. WASH CONTAMINATED CLOTHING BEFORE REUSE AND DISPOSE OF
CONTAMINATED
SHOES. INHALATION: IF SIGNS/SYMPTOMS OCCUR, REMOVE PERSON TO FRESH AIR.
IF SIGNS/S
YMPATOMS CONTINUE, CALL A PHYSICIAN. IF SWALLOWED: DO NOT INDUCE
VOMITING. DRINK TWO
GLASSES OF WATER.

CALL A PHYSICIAN.

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===== Fire Fighting Measures =====
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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 PRO TECTIVE COVERING FOR EXPOSED
AREAS OF THE HEAD.

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===== Accidental Release Measures =====
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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. COLLE CT SPILLED MATERIAL. PLACE INA
U.S.
DOT-APPROVED CONTAINER.

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===== Handling and Storage =====
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Handling and Storage Precautions:STORE AWAY FROM HEAT. KEEP OUT OF THE
REACH OF CHILDREN.

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

Respiratory Protection:AVOID BREATHING OF VAPORS CREATED DURING THE
CURE CYCLE. AVOID BREATHING OF DUST CREATED BY CUTTING, SANDING OR
GRINDING. SELECT ONE OF THE FOLLOWING NIOSH APPROVED RESPIRATORS
BASED ON AIRBORNE CONCE NTRATION OF CONTAMINANTS AND IN ACCORDANCE
WITH OSHA REGULATIONS: HALF MASK DUST RESPIRATOR.

Ventilation:PROVIDE APPROPRIATE LOCAL EXHAUST FOR GRINDING, CUTTING OR
SANDING CURED MATERIAL. CURING OVENS MUST BE EX
HAUSTED TO OUTDOORS
OR TO A SUITABLE EMISSION CONTROL

Protective Gloves:POLYETHYLENE/ETHYLENE VINYL ALCOHOL.

Eye Protection:VENTED GOGGLES. SAFETY GLASSES WITH SIDE SHIELDS.

Supplemental Safety and Health

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===== Physical/Chemical Properties =====
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Spec Gravity:1.330 WATER=1

Viscosity:7500-150000 CENTIPOISE

Solubility in Water:NIL

Appearance and Odor:CREAMY PASTE, OFF WHITE, VERY SLIGHT EPOXY ODOR.

Percent Volatiles by Volume:0.06

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===== Stability and

Reactivity Data =====

Stability Indicator/Materials to Avoid: YES

Stability Condition to Avoid: STRONG ACIDS, STRONG OXIDIZING AGENTS. HEAT IS GENERATED DURING CURE. DO NOT CURE A MASS LARGER THAN 50 GRAMS IN A CONFINED SPACE TO PREVENT A PREMATURE REACTION WITH PRODUCTION

Hazardous Decomposition Products: CARBON MONOXIDE AND CARBON DIOXIDE, ALDEHYDES, KETONES, HYDROCARBONS, TOXIC VAPORS, GASES OR PARTICULATES.

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

Waste Disposal Methods: CURE PRODUCT ACCORDING TO PRODUCT INSTRUCTIONS. 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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