

MINNESOTA MINING ADHESIVE/SEALERS DIV -- SCOTCH-WELD 3501-A GRAY EPOXY ADHESIVE --
8040-01-107-3981

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

Product ID:SCOTCH-WELD 3501-A GRAY EPOXY ADHESIVE
MSDS Date:09/07/1988
FSC:8040
NIIN:01-107-3981
MSDS Number: BGMDX
=== Responsible Party ===
Company Name:MINNESOTA MINING ADHESIVE/SEALERS DIV
Address:3M CENTER
City:ST PAUL
State:MN
ZIP:55144-1000
Country:US

Info

Phone Num:612-733-1110
Emergency Phone Num:612-733-1110
CAGE:76381

=== Contractor Identification ===

Company Name:3M MINNESOTA MINING AND MFG CO ADHESIVES SEALERS DIV
Address:3M CTR
Box:City:SAINT PAUL
State:MN
ZIP:55144-1000
Country:US
Phone:800-364-3577/651-737-6501(24 HOURS)
CAGE:04963
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:MERCAPTN POLYMER
Fraction by Wt: 50-60%

Ingred Name:TALC (POWDER), (ASBESTOS FREE), TALCUM; HYDROUS MAGNESIUM
SILICATE
CAS:14807-96-6
RTECS #:WW2710000
Fraction by Wt: 30-40%
OSHA PEL:20 MPPCF
ACGIH TLV:2 MG/CUM (RESP DUST)

Ingred Name:POLYAMIDE OF C18 FATTY ACID PRIMERS & TETA; POLYAMIDE RESIN
92-2
CAS:68410-23-1
Fraction by Wt: 10-20%

Ingred Name:2,4,6-TRI(DIMETHYLAMINOMETHYL)PHENOL, DMP-30
CAS:90-72-2
RTECS #:SN3500000
Fra
ction by Wt: 1-10%
ACGIH TLV:5 PPM

Ingred Name:SILICON DIOXIDE
CAS:7631-86-9
RTECS #:VV3100000
Fraction by Wt: 1-10%
OSHA PEL:80 MG/CUM
ACGIH TLV:0.2 MG/CUM

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

Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO
Health Hazards Acute and Chronic:EYES: IRRITATION, PERMANENT DAMAGE,
REDNESS, SMARTING, & TEARING. SKIN: IRRITATION, ABSORPTION, &
ALLERGIC REACTION. INH
ALATION: NOSE & THROAT IRRITATION,
DROWSINESS, SLURRED SPEECH, HEADACHE, NAUSEA, DIZZINESS, &
RESPIRATORY SYSTEM IRRITATION. INGESTION: DIGESTIVE SYSTEM
IRRITATION.

Explanation of Carcinogenicity:NONE

Effects of Overexposure:EYES: IRRITATION, PERMANENT DAMAGE, REDNESS,
SMARTING, & TEARING. SKIN: IRRITATION, ABSORPTION, & ALLERGIC
REACTION. INHALATION: NOSE, & THROAT IRRITATION, DROWSINESS,
SLURRED SPEECH, HEADACHE, NAUSEA , DIZZINESS, & RESPIRATORY SYSTEM
IRRITATION.

INGESTION: DIGESTIVE SYSTEM IRRITATION.

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First Aid Measures
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First Aid: EYES: FLUSH W/PLENTY OF WATER FOR AT LEAST 10 MINS. SKIN: WASH W/ SOAP & WATER. INHALATION: REMOVE TO FRESH AIR. INGESTION: DRINK TWO GLASSES OF MILK OR WATER. OBTAIN MEDICAL ATTENTION IN ALL CASES.

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Fire Fighting Measures
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Flash Point: >200F
Extinguishing Media: CO2, FOAM, DRY CHEMICAL, OR WATER
Fire Fighting Procedures:
WEAR SELF-CONTAINED BREATHING APPARATUS.

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Accidental Release Measures
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Spill Release Procedures: VENTILATE AREA. COLLECT SPILLED MATERIAL. PLACE IN DOT APPROVED METAL CONTAINER & SEAL.

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Handling and Storage
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Handling and Storage Precautions: FOR INDUSTRIAL/PROFESSIONAL USE ONLY. USE ONLY IN WELL VENTILATED AREAS. AVOID BREATHING VAPOR. DON'T RECIRCULATE EMISSIONS INTO WORKROOM AIR.
Other Precautions:
KEEP CONTAINER CLOSED WHEN NOT IN USE. KEEP OUT OF REACH OF CHILDREN. AVOID EYE CONTACT W/OR BREATHING DUST FROM GRINDING, SANDING, OR CUTTING OPERATIONS ON THE CURED PRODUCT. DON'T CURE UP A MASS LARGER THAN 50 GRAMS TO PREVENT EXOTHERM.

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Exposure Controls/Personal Protection
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Respiratory Protection: DUST MASK
Ventilation: RECOMMENDED
Protective Gloves: IMPERVIOUS
Eye Protection: CHEMICAL GOGGLES, SAFETY GLASSES
Work Hygienic Practices: REMOVE/WASH CONTAMINATED CLOTHING BEFORE REUSE.
Supplemental Safety and Health
WHEN TWO COMPONENTS (PART B & PART A) ARE COMBINED, AVOID HEAT CONDITIONS WHICH CAUSE PREMATURE REACTION (EXOTHERM) W/PRODUCTION OF INTENSE HEAT & SMOKE. HEAT IS GENERATED DURING CURE.

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Physical/Chemical Properties
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HCC: N1
Spec Gravity: 1.4
Solubility in Water: INSOLUBLE
Appearance and Odor: BLACK PASTE W/EPOXY ODOR
Percent Volatiles by Volume: 0%/WT

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Stability and Reactivity

Data =====

Stability Indicator/Materials to Avoid: YES

Stability Condition to Avoid: EXCESSIVE HEAT, FLAME

Hazardous Decomposition Products: CO, CO₂, NITROGEN, SMOKE PARTICLES,
SULFUR DIOXIDE

Conditions to Avoid Polymerization: HEAT, DON'T CURE MASS >50 GRAMS.

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

Waste Disposal Methods: MIX PART A & B. COMPLETELY CURE & DISPOSE OF
FULLY CURED WASTE PRODUCT IN SANITARY LANDFILL. INCINERATE UNCURED
BULK PRODUCT

DO NOT MIX WITH FLAMMABLE MATERIAL IN
INDUSTRIAL/COMMERCIAL FACILITY. DISPOSE OF IN ACCORDANCE
WITH FEDERAL/STATE/LOCAL LAWS.

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