

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

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

Product ID:SCOTCH-WELD 3501-B GRAY EPOXY ADHESIVE

MSDS Date:09/07/1988

FSC:8040

NIIN:01-107-3981

MSDS Number: BGMDY

=== 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:BISPHENOL A DIGLYCIDYL ETHER RESIN, EPOXY RESIN,
ARALDITE 6004, 4,4'-ISOPROPYLIDENEDIPHENOL-EPICHLOROHYDRIN
CAS:25068-38-6
RTECS #:KD4380000
Fraction by Wt: 55-65%

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:TITANIUM DIOXIDE, TITANIUM(IV) OXIDE, TIO2
CAS:13463-67-7
RTECS #:
XR2275000
Fraction by Wt: 1-10%
OSHA PEL:15 MG/M3 TDUST
ACGIH TLV:10 MG/M3 TDUST; 9293

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. SKIN: IRRITATION, &
ALLERGIC REACTION. INHALATION: RES
PIRATORY SYSTEM IRRITATION, NOSE
& THROAT IRRITATION. INGESTION: DIGESTIVE SYSTEM IRRITATION.
Explanation of Carcinogenicity:NONE
Effects of Overexposure:EYES: IRRITATION. SKIN: IRRITATION, & ALLERGIC
REACTION. INHALATION: RESPIRATORY SYSTEM IRRITATION, NOSE & THROAT
IRRITATION. INGESTION: DIGESTIVE SYSTEM IRRITATION.

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

First Aid:EYES: FLUSH W/PLENTY OF WATER FOR AT LEAST 10 MINS. SKIN:
WASH W/SOAP & WATER. INHA

LATION: REMOVE TO FRESH AIR. INGESTION:

DRINK TWO GLASSES OF MILK OR WATER. OBTAIN MEDICAL ATTENTION IN ALL CASES.

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

Flash Point:>250F

Extinguishing Media:CO2, FOAM, DRY CHEMICAL, OR WATER

Fire Fighting Procedures:WEAR SELF-CONTAINED BREATHING APPARATUS.

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

Spill Release Procedures:VENTILATE AREA. COLLECT SPILLED MATERIAL.

PLACE IN DOT APPROVED MEATL

CONTAINER & SEAL.

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

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 WHNE 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

LAR GER THAN 50 GRAMS TO PREVENT EXOTHERM.

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

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 HE

AT & SMOKE. HEAT IS GENERATED DURING CURE.

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

HCC:N1

Spec Gravity:1.50

Solubility in Water:VERY SLIGHT

Appearance and Odor:WHITE PASTE W/EPOXY ODOR

Percent Volatiles by Volume:0%/WT

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

Stability Indicator/Materials to Avoid:YES

SOLVENTS, CURATIVES

Stability Condition to Avoid:EXCESSIVE HEAT, FLAME

Hazardous Decomposition Products:CO, CO2, NITROGEN, & SMOKE PARTIC

LES

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 AFTER MIXING W/FLAMMABLE MATERIAL IN INDUSTRIAL/COMMERCIAL FACILITY. DISPOS E OF IN ACCORDANCE W/FEDERAL/STATE/LOCAL LAWS.

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