

3M GENERAL OFFICES -- SCOTCH-WELD 1838-B EPOXY ADHESIVE (GREEN) -- 8040-00-916-8534

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

Product ID:SCOTCH-WELD 1838-B EPOXY ADHESIVE (GREEN)

MSDS Date:11/25/1997

FSC:8040

NIIN:00-916-8534

Status Code:A

Kit Part:Y

MSDS Number: CKZJK

=== Responsible Party ===

Company Name:3M GENERAL OFFICES

Address:3M CENTER BLDG 224-5S-04

City:ST PAUL

State:MN

ZIP:55144-1000

Country:U

S

Info Phone Num:1-800-364-3577; 651-737-6501

Emergency Phone Num:999-999-9999

Preparer's Name:HENRY SIMMONS

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

Minumum % Wt:70.

Maxumum % W

t: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

Ingred Name:NATURAL CALCIUM CARBONATE
CAS:1317-65-3
RTECS #:EV9580000
Minumum % Wt:1.
Maxumum % Wt:5.
OSHA PEL:15 MG/M3
ACGIH TLV:10 MG/M3

Ingred Name:TITANIUM DIOXIDE
CAS:13463-67-7
RTECS #:XR2275000
Minumum % Wt:.1
Maxumum % Wt:1.
OSHA PEL:15 MG/M3
ACGIH TLV:10 MG/M3

Ingred Name:BENTONITE, BIS(HYDROGENATED TALLOW ALKYL)DIMETHYL AMMONIUM
COMPLEX
CAS:68953-58-2
R
TECS #:UZ2996400
Minumum % Wt:1.
Maxumum % Wt:5.

===== 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. SKIN CONTACT: ALLERGIC SKIN R EACTION: SIGN/SYMPTOMS CAN
INCLUDE REDNESS,
SWELLING, BLISTERING, AND ITCHING. MILD SKIN IRRITATION: SIGNS/SYMPTOMS
CAN INCLUDE
REDNESS, SWE

LLING, AND ITCHING. INHALATION: IRRITATION (UPPER
RESPIRATOR Y):SIGNS/SYMPTOMS CAN INCLUDE SORENESS OF THE NOSE AND
THROAT, COUGHING AND SNEEZING.
VAPORS OF HEATED MATERIAL MAY CAUSE RESPIRATORY SYSTEM IRRITATION. IF
SWALLOWED:INGESTION MAY CAUSE: IRRITATION OF GASTROINTESTINAL
TISSUES.

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

First Aid:EYE CONTACT: IMMEDIATELY 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 CLOTHING BEFORE REUSE AND DISPOSE
OF
CONTAMINATED SHOES. INHALATION: IF SIGN/SYMPTOMS OCCUR, REMOVE PERSON
TO FRESH AIR.
IF SIGNS/SYMPTOMS CONTINUE, CALL A PHYSICIAN. IF SWALLOWED: DO NOT
INDUCE VOMITING.
DRI NK TWO GLASSES OF WATER. CALL A PHYSICIAN.

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

Extinguishing Media:WATER, CARBON DIOXIDE, DRY CHEMICAL, FOAM.
Fire Fighting Pro
cedures: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 PROT ECTIVE 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
HAZA
RDS, RESPIRATORY PROTECTION, VENTILATION, AND PERSONAL PROTECTIVE
EQUIPMENT.
COVER WITH ABSORBENT MATERIAL. COLLE CT SPILLED MATERIAL. PLACE IN A
U.S.
DOT-APPROVED CONTAINER.

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

Handling and Storage Precautions:STORE AWAY FROM HEAT. KEEP OUT OF
REACH OF CHILDREN.
Other Precautions:PREVENTION OF ACCIDENTAL INGESTION: DO NOT EAT, DRINK
OR SMOKE WHEN USING THIS
PRODUCT. WASH EXPOSED AREAS THOROUGHLY WITH SOAP AND WAT

ER. DO NOT
DIGEST. FIRE
AND EXPLOSION AVOIDANCE. KEEP CONTAINER T IGHLY CLOSED.

===== 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 CONC ENTRATION OF CONTEMINANTS AND IN ACCORDANCE
WITH OSHA REGULATIONS; HALF MASK DUST RESPIRATOR.

Ventilation

:PROVIDE APPROPRIATE LOCAL EXHAUST FOR GRINDING, CUTTING OR
SANDING CURED MATERIAL.

Protective Gloves:AVOID SKIN CONTACT. WEAR APPROPRIATE GLOVES WHEN
HANDLING THIS MATERIAL.

Eye Protection:AVOID EYE CONTACT. WEAR VENTED GOGGLES. WEAR SAFETY
GLASSES WITH SIDE SHIELDS.

Supplemental Safety and Health

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

Spec Gravity:1.300 GM/ML

Viscosity:PASTE

Solubility in Water:VERY SLIGHT

Appearance and Odor:VISCOUS PASTE, WHITE, LI
TTLE ODOR

Percent Volatiles by Volume:0%

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

Stability Indicator/Materials to Avoid:YES

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 (EXOTHERM) WITH A PRODUCTION OF
INTENSE HEAT AND SMOKE.

Hazardous Decomposition Products:CARBON MONOXIDE, AND CARBON DIOXIDE,
ALDEHYDES, KETONES , HYDROCARBONS, TOXIC V
APORS, 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: 0 GMS/LITER.
VOC LESS H2O & EXEMPT S

OLVENTS: 0 GMS/LITER HAZARDOUS AIR

POLLUTANTS: 0 % BY WT (0 LBS. HAPS/LBS. SOLIDS) SINCE REGULATIONS VERY, CONSULT APPLICABLE REGULATIONS OR AUTHORITIES BEFORE DISPOSAL; U.S. EPA HAZARDOUS WASTE NUMBER = NONE (NOT U.S EPA HAZARDOUS)

State Regulatory Information:

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