

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:US

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

Emergency Phone Nu

m: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 % Wt:80.

Ingred Name:KAOLIN

CAS:1332-58-7

RTECS #:GF1670500

Minumu

m % 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
RTECS #:UZ2996400
Minumum % Wt:1.
Maxumum % Wt:5.

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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. SKIN CONTACT: ALLERGIC SKIN R EACTION: SIGN/SYMPTOMS CAN
INCLUDE REDNESS,
SWELLING, BLISTERING, AND ITCHING. MILD SKIN IRRITATION: SIGNS/SYMPTOMS
CAN INCLUDE
REDNESS, SWELLING, 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 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 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 HAZARDS, RESPIRATORY PROTECTION, VENTILATION, AND PERSONAL PROTECTIV E 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 WATER. DO NOT DIGEST. FIRE AND EXPLOSION AVOIDANCE. KEEP CONTAI

NER 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, LITTLE ODOR

Percent Volatiles by Volume:0%

===== Sta
bility 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 VAPORS, GASES OR PARTICULATES.

===== Disposa
l 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 SOLVENTS: 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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particular situation.