

3M GENERAL OFFICES -- 1838-B EPOXY ADHESIVE (GREEN) CODE 33-PT; 33EC1838 A/B PT-K --
8040-00-180-5941

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

Product ID:1838-B EPOXY ADHESIVE (GREEN) CODE 33-PT; 33EC1838 A/B PT-K

MSDS Date:02/14/1995

FSC:8040

NIIN:00-180-5941

Status Code:A

MSDS Number: CKFKZ

=== Responsible Party ===

Company Name:3M GENERAL OFFICES

Address:3M CENTER

City:ST. PAUL

State:MN

ZIP:55144-

1000

Country:US

Info Phone Num:612-733-1110

Emergency Phone Num:651-733-1110

CAGE:04963

=== 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

===== Composition/Information on Ingredients =====

Ingred Name:EPOXY RESIN

CAS:25068-38-6

RTECS #:CE6880000

Minumum % Wt:70.

Maxumum % Wt:80.

Ingred Name:KAOLIN

CAS:133

2-58-7
RTECS #:GF1670500
Minumum % Wt:20.
Maxumum % Wt:30.
OSHA PEL:10 MG/M3
ACGIH TLV:2 MG/M3

Ingred Name:CLAY
CAS:68953-58-2
RTECS #:UZ2996400
Minumum % Wt:1.
Maxumum % Wt:5.

Ingred Name:CALCIUM (II) 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:10 MG/M3\NK
ACGIH TLV:10 MG/M3

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===== Hazards Identification =====
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Routes of Entry: Inhalation:NO Skin:NO Ingestion:NO
Health Hazards Acute and Chronic:EYE:MODERATE EYE
IRRITATION:REDNESS,SWELLING,PAIN,TEARING,&HAZY VISION.VAPORS
F/HEATED MATERIAL MAY CAUSE EYE IRRITATION.DUST CREATED BY
CUTTING,GRINDING,SANDING,/MACHINING MAY CAUSE EYE IRRITATION.SK
IN:ALLERGIC SKIN REACTION:REDNESS,SWELLING,BLISTERING&ITCHING.SKIN
IRRITATION:REDNESS,SWELLING,&ITCHING.INHALATION:IRRITATION(UPPER
RESP.):SORENESS OF NOSE&THROAT,COUG

HING&SNEEZING.VAPORS OF HEATED M
ATERIAL MAY CAUSE RESP.SYSTEM IRRITATION.DUST
F/CUTTING,GRINDING,SANDING/MACHINING MAY CAUSE IRRITATION OF
RESP.SYSTEM.INGESTION:MAY CAUSE IRRITATION OF GI
TISSUES:PAIN,VOMITING,ABDOMINAL TENDERNESS,N AUSEA,BLOOD IN
VOMITUS&FECES.

Medical Cond Aggravated by Exposure:

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

First Aid:EYE CONTACT: IMMEDIATELY FLUSH EYES WITH LARGE AMOUNTS OF
WATER. GET IMMEDIATE MEDICAL ATTENT
ION. SKIN CONTACT:
IMMEDIATELY WASH SKIN WITH SOAP AND LARGE AMOUNTS OF WATER. REMOVE
CONTAMINATED CLOTHING. 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/SYMPTOMS CONTINUE, CALL A
PHYSICIAN. INGESTION: IF SWALLOWED DO NOT INDUCE VOMITING. DRINK
TWO GLASSES OF WATER. CALL A PHYSICIAN.

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

Flash Point:>148.9C, 300.F
300F

Extinguishing Media:CO2, FOAM, DRY CHEMICAL.

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 PROTECTIVE 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 PROTECTIVE EQUIPMENT. CALL
1-651-733-1110 OR 1-651-733-6100 FOR 24-HOUR SPILL ASSISTANCE.
COVER WITH ABSORBENT MATERIAL. COLLECT SPILLED MATERIAL. PLACE IN
A U.S. DOT-APPROVED CONTAINER.

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

Handling and Storage Precautio

ns:STORE AWAY FROM HEAT. KEEP OUT OF THE REACH OF CHILDREN. KEEP CONTAINER TIGHTLY CLOSED.

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

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

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

Protective Gloves:POLYETHYLENE/ETHYLENE VINYL ALCOHOL.

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

Work Hygienic Practices:DO NOT EAT, DRINK OR SMOKE WHEN USING THIS PRODUCT. WASH EXPOSED AREAS THOROUGHLY WITH SOAP AND WATER. DO NOT INGEST.

Supplemental Safety and Health
PROVIDE APPROPRIATE LOCAL EXHAUST FOR GRINDING, CUTTING OR SANDING CURED MATERIAL.

CURING OVENS MUST BE EXHAUSTED TO OUTDOORS OR TO A SUITABLE EMISSION CONTROL DEVICE. USE IN A WELL-VENTILATED AREA. IF EXHAUST VENTILATION IS NOT ADEQUATE, USE APPROPRIATE RESPIRATORY PROTECTION.

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

Spec Gravity:1.30

Viscosity:PASTE

Solubility in Water:VERY SLIGHT

Appearance and Odor:VISCOUS PASTE/ LITTLE ODOR

===== 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 PRODUCTION OF INTENSE HEAT AND SMOKE.

Hazardous Decomposition Products:CO, CO2, ALDEHYDES, KETONES, HYDROCARBONS, TOXIC VAPORS, GASES OR PARTICULATES.

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

Waste Disposal Methods:CURE PRODUCT ACCORDING TO PRODUCT INSTRUCTIONS

ONS.

INCINERATE UNCURED WASTE IN AN INDUSTRIAL OR COMMERCIAL
INCINERATOR. DISPOSE OF COMPLETELY CURED (OR POLYMERIZED) MATERIAL
IN A SANITARY LANDFILL. SINCE REGULATIONS VARY, CONSULT
APPLICABLE REGULATIONS OR AUTHORITIES BEFORE DISPOSAL.

===== Other Information =====

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