

3M GENERAL OFFICES -- EC-1386 STRUCTURAL EPOXY ADHESIVE -- 8040-01-022-1697
===== Product Identification =====

Product ID:EC-1386 STRUCTURAL EPOXY ADHESIVE

MSDS Date:04/12/1990

FSC:8040

NIIN:01-022-1697

MSDS Number: BMDKF

=== 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:612-7

33-1110

CAGE:1BY21

=== 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

Company Name:MINNESOTA MINING AND MFG CO ENGINEERING DOCUMENT SYSTEMS
DIV

Address:3M CTR

Box:City:SAINT PAUL

State:MN

ZIP:55144-1000

Country:US

Phone:612-737-4114

CAGE:1BY21

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

Ingred Name:EPO

XY RESIN
CAS:25068-38-6
RTECS #:KC2100000
Fraction by Wt: 70-80%

Ingred Name:ACRYLONITRILE BUTADIENE POLYMER
CAS:9003-18-3
Fraction by Wt: 10-20%

Ingred Name:GUANIDINE, CYANO-; (DICYANDIAMIDE)
CAS:461-58-5
RTECS #:ME9950000
Fraction by Wt: 1-10%

Ingred Name:SILICON DIOXIDE, AMORPHOUS; (AMORPHOUS SILICA)
CAS:7631-86-9
Fraction by Wt: 1-10%
OSHA PEL:6 MG/M3 TDUST
ACGIH TLV:10 MG/M3 TDUST

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

LD50 LC50 Mixture:NONE SPECIFIED BY M
ANUFACTURER.

Routes of Entry: Inhalation:YES Skin:NO Ingestion:YES
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO

Health Hazards Acute and Chronic:EYE: MAY CAUSE EYE IRRITATION. VAPORS
OF HEATED PRODUCT OR DUST FROM GRINDING, CUTTING AND SANDING
OPERATIONS ON CURED PRODUCT MAY CAUSE EYE IRRITATION. SKIN: MAY
CAUSE SKIN IRRITATION AND ALLERGIC RE ACTION ON PROLONGED OR
FREQUENT CONTACT. INHALATION: VAPORS FROM CURING OPERATIONS & DUST
FROM CUTTING,(EFTS OF OVEREXP)

Exp

lanation of Carcinogenicity:NOT RELEVANT.

Effects of Overexposure:HLTH HAZ: GRINDING, AND SANDING OPERATIONS MAY
CAUSE RESPIRATORY IRRITATION. SYMPTOMS INCLUDE COUGHING, SNEEZING,
AND ITCHING. INGESTION: MAY CAUSE MINOR DIGESTIVE SYSTEM
IRRITATION.

Medical Cond Aggravated by Exposure:NONE SPECIFIED BY MANUFACTURER.

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

First Aid:EYE: IMMEDIATELY FLUSH EYES WITH LARGE AMOUNTS OF WATER FOR
AT LEAST 15 MINUTES. GET M

EDICAL ATTENTION. SKIN: WIPE OFF
CONTAMINATION. WASH AFFECTED AREA WITH SOAP AND WATER. INHALATION:
MOVE TO FRESH AIR IF SYMPTOMS OCCUR. INGESTION: DO NOT INDUCE
VOMITING. IMMEDIATELY CALL PHYSICIAN OR POISON CONTROL CENTER.

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

Flash Point:>200F,>93C
Extinguishing Media:CO*2, FOAM, DRY CHEMICALS.
Fire Fighting Procedures:WEAR NIOSH/MSHA APPROVED SCBA AND FULL
PROTECTIVE EQUIPMENT .
Unusual Fire/Explosion Hazard:
NONE.

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

Spill Release Procedures:VENTILATE AREA. OBSERVE PRECAUTIONS FROM OTHER
SECTIONS. COLLECT SPILLED MATERIAL. PLACE IN A CONTAINER.
Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

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

Handling and Storage Precautions:FOR INDUSTRIAL OR PROFESSIONAL USE
ONLY. AVOID CONTACT WITH EYES, SKIN AND CLOTHING.
Other Precautions:AVOID BREATHING EMISSIONS FRO
M CURING OPERATIONS AND
DUST FROM CUTTING, GRINDING AND SANDING OPERATIONS.

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

Respiratory Protection:WEAR NIOSH/MSHA APPROVED RESPIRATOR APPROPRIATE
FOR EXPOSURE OF CONCERN .
Ventilation:PROVIDE VENTILATION SUFF TO CONTROL EMISSIONS AND DUST.
VENT CURING OVENS TO OUTDOORS OR TO AN EMISSION CNTRL DEVICE.
Protective Gloves:IMPERVIOUS GLOVES.
Eye Protection:CHEMICAL WORKERS GOGGLES .
Other Protective Equipment:NONE SPEC
IFIED BY MANUFACTURER.
Work Hygienic Practices:AVOID CONTACT WITH EYES, SKIN & CLTHG. LAUNDER
CONTAM CLTHG BEFORE REUSE. WASH THOROUGHLY AFTER HANDLING.
Supplemental Safety and Health
NONE SPECIFIED BY MANUFACTURER.

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

Spec Gravity:1.150
Solubility in Water:ESSENTIALLY NIL
Appearance and Odor:CREAM COLORED, VISCOUS PASTE, LOW ODOR.
Percent Volatiles by Volume:0

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

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Stability Indicator/Materials to Avoid: YES

NOT APPLICABLE.

Stability Condition to Avoid: NONE SPECIFIED BY MANUFACTURER.

Hazardous Decomposition Products: THERMAL DECOMPOSITION OR BURNING MAY PRODUCE C, H, N DECOMPOSITION PRODUCTS.

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

Waste Disposal Methods: INCINERATE BULK PRODUCT AFTER MIXING WITH FLAMMABLE MATERIAL IN AN INDUSTRIAL OR COMMERCIAL FACILITY. DISPOSAL SHOULD BE IN ACCORDANCE WITH FEDERAL, STATE, AND LOCAL REGULATIONS.

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