

3/M COMPANY -- 1751B ALUMINUM EPOXY ADHESIVE -- 8040-00-181-7548

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

Product ID:1751B ALUMINUM EPOXY ADHESIVE

MSDS Date:10/22/1990

FSC:8040

NIIN:00-181-7548

Kit Part:Y

MSDS Number: BPTWN

=== Responsible Party ===

Company Name:3/M COMPANY

Address:3M CENTER

City:ST. PAUL

State:MN

ZIP:55144

Country:US

Info Phone Num:612-864-2310

Emergency Phone Num:612-733-1110

Prepare

r's Name:C.A. EISENHARD

CAGE:76381

=== Contractor Identification ===

Company Name:CHEMICAL COMMODITIES AGENCY, INC.

Address:27447 PACIFIC STREET

Box:City:HIGHLAND

State:CA

ZIP:92346-2640

Country:US

Phone:909-864-2310

CAGE:60777

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
Fraction by Wt: 40-50%
Other REC Limits:NONE SPECIFIED

Ingred Name:ALUMINUM PIGMENTS
CAS:7429-90-5
Fraction by Wt: 30-40%
Other REC Limits:NONE SPECIFIED
OSHA PEL:15 MG/M3 AL
ACGIH TLV:10 MG/M3

Ingred Name:CLAY
CAS:68953-58-2
RTECS #:GF1670500
Fraction by Wt: 1-10%
Other REC Limits:NONE SPECIFIED

Ingred Name:N-BUTYL GLYCIDYL ETHER
CAS:2426-08-6
RTECS #:TX4200000
Fraction by Wt: 1-10%
Other REC Limits:NONE SPECIFIED
OSHA PEL:50 PPM
ACGIH TLV:25 PPM; 9293

Ingred Name:AMORP
HOUS SILICA
CAS:112945-52-5
RTECS #:VV7310000
Fraction by Wt: 1-10%
Other REC Limits:NONE SPECIFIED
ACGIH TLV:3 MG/M3

Ingred Name:RESORCINOL
CAS:108-46-3
RTECS #:VG9625000
Fraction by Wt: 1-10%
Other REC Limits:NONE SPECIFIED
OSHA PEL:10 PPM/20 STEL
ACGIH TLV:10 PPM/20 STEL
EPA Rpt Qty:5000 LBS
DOT Rpt Qty:5000 LBS

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

Routes of Entry: Inhalation:YES Skin:YES Ingestion:NO
Effects of Overexposure:EYE: PRODUCT MAY BE IRRITATING

TO EYES UPON

DIRECT CONTACT. SKIN: PRODUCT MAY BE IRRITATING TO SKIN ON PROLONGED OR REPEATED CONTACT. THE EPOXY RESIN IN THIS PRODUCT IS A SKIN SENSITIZER, ESPECIALLY FOR CERTAIN SUSCEPTIBLE INDIVIDUALS. INHALE: MAY BE IRRITATING TO NOSE AND THROAT. INGEST: ORAL TOXICITY IS NEGLIGIBLE.

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

First Aid:EYE: IMMEDIATELY FLUSH W/WATER 10 MINUTES. CALL PHYSICIAN.
SKIN: WASH THOROUGHLY WITH SOAP AND WATER. INHALE: MOVE PERSON TO FRESH AIR. CALL PHYSICIAN. INGEST: DO NOT INDUCE VOMITING. IMMEDIATELY CALL PHYSICIAN OR POISON CONTROL CENTER.

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

Extinguishing Media:CARBON DIOXIDE, DRY CHEMICALS, WATER
Fire Fighting Procedures:FIRE FIGHTERS SHOULD BE EQUIPPED WITH SELF-CONTAINED BREATHING APPARATUS WHEN FIGHTING FIRES INVOLVING THIS MATERIAL.

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

Spill Release Procedures:VENTILATE AREA. COLLECTED SPILLED MATERIALS. PLACE IN U.S. DEPARTMENT OF TRANSPORTATION APPROVED METAL CONTAINER, SEAL.

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

Handling and Storage Precautions:KEEP CONTAINER CLOSED WHEN NOT IN USE.
Other Precautions:KEEP OUT OF REACH OF CHILDREN.

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

Respiratory Protection:USE ONLY WITH SUFFICIENT VENTILATION TO MAINTAIN VAPOR CONCENTRATIONS BELOW RECOMMENDED EXPOSURE LIMITS. AVOID BREATHING VAPORS RELEASED DURING HEAT CURING.
Ventilation:CURING EQUIPMENT SHOULD BE PROPERLY VENTED TO THE OUTDOORS OR SUITABLE EMISSION CONTROL DEVICE.
Protective Gloves:IMPERVIOUS GLOVES
Eye Protection:SAFETY GLASSES/CHEMICAL GOGGLES
Other Protective Equipment:PROTECTIVE CLOTHING AS NECESSARY TO PREVENT SKIN CONTACT.
Work Hygienic Practices:WASH CONTAMINATED CLOTHING BEFORE REUSE.
Supplemental Safety and Health
FOR INDUSTRIAL USE ONLY. THI

S MATERIAL IS PART OF A TWO COMPONENT SYSTEM. THE PRECAUTIONS FOR EACH COMPONENT SHOULD BE OBSERVED WHEN SEPARATE OR MIXED.

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

HCC:V7

Spec Gravity:CA1.300 WATER=1

Solubility in Water:VERY SLIGHT

Appearance and Odor:GRAY VISCOUS PASTE, LITTLE ODOR.

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

Stability Indicator/Materials to Avoid:YES

Hazardous Decomposition Products:THERMAL DECOMPOSITION OR BURNING MAY

PRODUCE C, H, N DECOMPOSITION PRODUCTS.

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

Waste Disposal Methods:MIX PART A W/PART B. COMPLETELY CURE/DISPOSE OF CURED PRODUCT IN SANITARY LANDFILL. INCINERATE UNCURED BULK PRODUCT AFTER MIXING W/FLAMMABLE MATERIAL IN INDUSTRIAL/COMMERCIAL FACILITY. DISPOSAL SHOULD BE IN ACCORDANCE WITH APPLICABLE REGULATION.

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