

MINNESOTA MINING/ADH COATINGS/SEALERS -- 1751B ALUMINUM EPOXY ADHESIVE --
8040-00-123-6954

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

Product ID:1751B ALUMINUM EPOXY ADHESIVE

MSDS Date:01/01/1995

FSC:8040

NIIN:00-123-6954

Kit Part:Y

MSDS Number: CGNCC

=== Responsible Party ===

Company Name:MINNESOTA MINING/ADH COATINGS/SEALERS

Address:3M CTR

City:ST PAUL

State:MN

ZIP:55144-1000

Country:US

Info Phone Num:612-733-1110

Emergency Phone Num:612-733-1110

Preparer's Name:C A

EISENHARD

CAGE:76381

=== 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

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 =====

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ngred Name:EPOXY RESIN
CAS:25068-38-6
RTECS #:KD4380000
Fraction by Wt: 40-50%
Other REC Limits:NONE RECOMMENDED

Ingred Name:ALUMINUM PIGMENTS
CAS:7429-90-5
RTECS #:BD0330000
Fraction by Wt: 30-40%
Other REC Limits:NONE RECOMMENDED
OSHA PEL:15 MG/3
ACGIH TLV:10 MG/3

Ingred Name:CLAY
CAS:68953-58-2
RTECS #:UZ2996400
Fraction by Wt: 1-10%
Other REC Limits:NONE RECOMMENDED

Ingred Name:N-BUTYL GLYCIDYL ETHER
CAS:2426-08-6
RTECS #:TX4200000
Fraction by Wt: 1-10%
Other REC Limits:25 PPM
OSHA PEL:27
0 MG/CUM
ACGIH TLV:133 MG/CUM

Ingred Name:AMORPHOUS SILICA
CAS:7631-86-9
Fraction by Wt: 1-10%
Other REC Limits:NONE RECOMMENDED

Ingred Name:RESORCINOL
CAS:108-46-3
RTECS #:UG9625000
Fraction by Wt: 1-10%
Other REC Limits:10 PPM
ACGIH TLV:45 MG/M3
EPA Rpt Qty:5000 LBS
DOT Rpt Qty:5000 LBS

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

Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO
Health Hazards Acute and Ch

ronic:EYE: REDNESS, SWELLING, PAIN, TEARING,
HAZY VISION. SKIN: REDNESS, SWELLING, BLISTERS, ITCHING, ALLERGIC
REACTION. INHAL: RESPIRATORY IRRIT, SORE NOSE/THROAT, COUGHING,
SNEEZING. INGEST: GI TISSUE IRR IT, PAIN, VOMIT, TENDER ABDOMIN,
NAUSEA, BLOOD IN VOMIT/FECES.

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

First Aid:EYE: FLUSH W/WATER. SKIN: WASH W/SOAP & WATER. REMOVE CONTAM
CLOTHES, WASH BEFORE REUSE. DISPOSE OF CONTAM SHOES. INHAL: REMOVE
TO FRESH AIR. INGEST: DONT INDUCE VOMITING. DRINK 2 GLASSES OF
WATER. IN ALL CASES, GET MED AID.

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

Flash Point:NA
Lower Limits:NA
Upper Limits:NA
Extinguishing Media:WATER, CARBON DIOXIDE, DRY CHEMICAL, FOAM.
Fire Fighting Procedures:USE PROTECTIVE CLOTHES W/HELMET, SCBA
(POSITIVE PRESSURE), BUNKER COAT AND PANTS, BANDS AROUND ARMS,
WAIST, LEGS, FACE MASK, PROTECTIVE COVER FOR HEAD.
Unusual Fire/Explosion Hazard
:NONE

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

Spill Release Procedures:COVER W/ABSORBENT MATERIAL. COLLECT SPILLED
MATERIAL. PLACE IN A DOT APPROVED CONTAINER AND SEAL. CALL
612-733-1110/612-733-6100, 24 HOUR SPILL ASSISTANCE.

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

Handling and Storage Precautions:STORE IN A COOL DRY AREA AWAY FROM
HEAT.
Other Precautions:KEEP AWAY FROM CHILDREN. KEEP CONTAINER TIGHTLY
CLOSED.

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

Respiratory Protection:SELECT A NIOSH APPROVED RESPIRATOR BASED ON AIRBORNE CONCENTRATION OF CONTAMINANTS AND IN ACCORDANCE W/OSHA REGULATIONS: HALF-MASK DUST RESPIRATOR. IF EXHAUST VENT IS NOT ADEQUATE, USE APPROPRIATE RES PIRATORY PROTECTION.

Ventilation:LOAL EXHAUST. VENT EXHAUST CURING OVENS TO OUTDOORS OR EMISSION CONTROL DEVICE. USE IN A WELL VENTED AREA.

Protective Gloves:IMPERVIOUS

Eye Protection:VENTED GOGGLE/S
AFETY GLASS W/SIDE SHIELD

Other Protective Equipment:IMPERVIOUS CLOTHES, EYEWASH FOUNTAIN AND QUICK DRENCH SHOWER.

Supplemental Safety and Health
NK

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

Boiling Pt:B.P. Text:NA

Vapor Pres:NA

Vapor Density:NA

Spec Gravity:1.3

pH:NE

Evaporation Rate & Reference:NA

Solubility in Water:VERY SLIGHT

Appearance and Odor:GRAY VISCOUS PAINT W/LITTLE ODOR.

Percent Volatiles by Volume:0

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

Stability Indicator/Materials to Avoid:YES

STRONG ACIDS, STRONG OXIDIZING AGENTS.

Stability Condition to Avoid:HEAT IS GENERATED DURING CURE. DONT CURE A MASS LARGER THAN 50G IN A CONFINED SPACE.

Hazardous Decomposition Products:CARBON MONOXIDE, CARBON DIOXIDE, ALDEHYDES, KETONES, HYDROCARBONS, TOXIC VAPORS, GASES & PARTICULATES.

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

Waste Disposal Methods:INCINERATE UNCURED WASTE IN AN INDUSTRI

AL OR

COMMERCIAL INCINERATOR. DISPOSE OF COMPLETELY CURED OR POLYMERIZED MATERIAL IN A SANITARY LANDFILL.

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