

3M CO. ADHESIVES COATINGS AND SEALERS DIV. -- EC-2216-B GRAY -- 8040-01-033-0892

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

Product ID:EC-2216-B GRAY

MSDS Date:03/11/1988

FSC:8040

NIIN:01-033-0892

MSDS Number: BGGDG

=== Responsible Party ===

Company Name:3M CO. ADHESIVES COATINGS AND SEALERS DIV.

Address:3M CENTER

City:ST. PAUL

State:MN

ZIP:55144-1000

Country:US

Info Phone Num:612-733-1110

Emergency Phone

Num:612-733-1110

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:BISPHENOL A EPOXY RESIN

CAS:25036-25-3

Fraction by Wt: 70 - 80%

Other REC Limits:NONE SPECIFIED

Ingred Name:KAOLIN

CAS:1332-58-7

RTECS #:GF1670500

Fraction by Wt: 2

0 - 30%
Other REC Limits:NONE SPECIFIED
OSHA PEL:15 MG/M3 TDUST
ACGIH TLV:2 MG/M3 TDUST; 9293

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

Routes of Entry: Inhalation:YES Skin:YES Ingestion:NO
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO
Health Hazards Acute and Chronic:ACUTE-EYE:MAY CAUSE
IRRITATION.SKIN:PROLONGED/REPEATED CONTACT MAY CAUSE
IRRITATION.INHALATION:VAPORS MAY BE IRRITATING TO THE RESPIRATORY
SYSTEM.INGESTION:MAY CAUSE DIGESTIVE SYSTE
M IRRITATION.CHRONI
C-NONE KNOWN.
Effects of Overexposure:MAY CAUSE EYE IRRITATION. PROLONGED/REPEATED
SKIN CONTACT MAY CAUSE IRRITATION. INHALATION OF VAPORS MAY BE
IRRITATING TO THE RESPIRATORY SYSTEM. INGESTION MAY CAUSE DIGESTIVE
SYSTEM IRRITATION.
Medical Cond Aggravated by Exposure:NONE KNOWN.

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

First Aid:GET MEDICAL ATTENTION IF SYMPTOMS PERSIST.SKIN:WASH WITH SOAP
& WATER.EYE:FLUSH WITH WATER FOR 15
MINUTES,HOLDING EYELIDS
OPEN.INHALED:REMOVE TO FRESH AIR & PROVIDE OXYGEN/CPR IF
NEEDED.ORAL:IF CONSCI OUS,DRINK TWO GLASSES OF MILK OR WATER.CALL A
PHYSICIAN OR POISON CONTROL CENTER.

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

Extinguishing Media:WATER SPRAY, CO2, FOAM/DRY CHEMICAL. WATER SPRAY
MAY BE USED TO KEEP FIRE EXPOSED CONTAINERS COOL & FLUSH SPILLS
AWAY.
Fire Fighting Procedures:WEAR FULL PROTECTIVE CLOTHING AND
NIOSH-APPROVED SELF-CO
NTAINED BREATHING APPARATUS WITH FULL
FACEPIECE OPERATED IN THE POSITIVE PRESSURE MODE.
Unusual Fire/Explosion Hazard:NONE

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

Spill Release Procedures:OBSERVE ALL PRECAUTIONS. VENTILATE AREA.
COLLECT SPILLAGE. CLEANUP RESIDUE USING ABSORBENT MATERIAL AS
NEEDED. PLACE IN METAL CONTAINER AND SEAL.

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

Handling and Storage Precautions:STORAGE-STORE IN COOL

PLACE,IN CLOSED
CONTAINER,AWAY FROM FLAME & OXIDIZERS.
Other Precautions:VENT CURING OVENS TO OUTDOORS. AVOID CONTACT WITH
EYES AND SKIN. USE ONLY IN WELL VENTILATED AREAS. AVOID BREATHING
VAPORS DURING HANDLING AND CURE. REMOVE CONTAMINATED CLOTHING AND
LAUNDER BEFORE REU SE.

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

Respiratory Protection:USE NATIONAL INSTITUTE OF OCCUPATIONAL SAFETY
AND HEALTH (NIOSH) OR MINE SAFETY AND HEALTH ADMINISTRATION (M
SHA)
APPROVED SELF-CONTAINED BREATHING APPARATUS OPERATED IN POSITIVE
PRESSURE MODE WHEN PER MISSIBLE EXPOSURE LIMITS ARE EXCEEDED.
Ventilation:GOOD GENERAL VENTILATION IS SUFFICIENT FOR MOST CONDITIONS.
Protective Gloves:IMPERVIOUS
Eye Protection:SAFETY GLASSES
Other Protective Equipment:EYE WASH STATION, QUICK DRENCH SHOWER AND
IMPERVIOUS CLOTHING
Work Hygienic Practices:GOOD PERSONAL HYGIENE PRACTICES REQUIRE THAT
GROSS AMOUNT OF ANY CHEMICAL BE REMOVED FROM THE SKIN AS SOON A
S
PRACTICAL.
Supplemental Safety and Health

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

HCC:N1
Spec Gravity:1.33
Viscosity:100,000 CPS
Solubility in Water:INSOLUBLE
Appearance and Odor:OFF WHITE CREAM PASTE - VERY SLIGHT ODOR
Percent Volatiles by Volume:0

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

Stability Indicator/Materials to Avoid:YES
Stability Condition to Avoid:NONE
Hazardous Decomposition Products:CARBON MONOXIDE, CARBON DIOXIDE,
NITROGEN AND SMOKE PARTICLES

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

Waste Disposal Methods:DISPOSE OF IN ACCORDANCE WITH LOCAL, STATE AND
FEDERAL REGULATIONS.

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