

3M CO. AEROSPACE MATERIALS DEPARTMENT -- SCOTCH-WELD EC-2214 REGULAR EPOXY ADHESIVE -- 8040-01-046-1742

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

Product ID:SCOTCH-WELD EC-2214 REGULAR EPOXY ADHESIVE

MSDS Date:01/04/1990

FSC:8040

NIIN:01-046-1742

MSDS Number: BMQLQ

=== Responsible Party ===

Company Name:3M CO. AEROSPACE MATERIALS DEPARTMENT

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:0KHE3

=== 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 AEROSPACE MATERIALS DEPT

Address:3M CTR

Box:City:SAINT PAUL

State:MN

ZIP:55144-1000

Country:US

Phone:612-737-4114/612-733-1110

CAGE:0KHE3

===== Compos

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ition/Information on Ingredients =====

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

Ingred Name:ALUMINUM PIGMENTS (SARA 313)
CAS:7429-90-5
RTECS #:BD0330000
Fraction by Wt: 30-40%
Other REC Limits:NONE SPECIFIED
OSHA PEL:15 MG/M3
ACGIH TLV:10 MG/M3

Ingred Name:EPOXY RESIN
CAS:9072-62-2
Fraction by Wt: 1-10%
Other REC Limits:NONE SPECIFIED

Ingred Name:DICYANDIAMIDE
CAS:461-58-5
RTECS #:ME9950000
Fraction by Wt: 1-10%
Other REC Limits:NONE SPECIFIED

Ingred Name:SYNTHETIC ELASTOMER (TRADE SECRET)
Fraction by Wt: 1-10%
Other REC Limits:NONE SPECIFIED

Ingred Name:AMORPHOUS SILICA
CAS:112945-52-5
RTECS #:VV7310000
Fraction by Wt: 1-10%
Other REC Limits:NONE SPECIFIED
OSHA PEL:6 MG/M3
ACGIH TLV:3 MG/M3

Ingred Name:PARA-CHLOROPHENOL-DIMETHYLUREA
CAS:150-68-5
RTECS #:YS6300000
Fraction by Wt: 1-10%
Other REC Limits:NONE SPECIFIED

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Hazards Identification =====

Routes of Ent

ry: Inhalation:YES Skin:YES Ingestion:YES
Reports of Carcinogenicity:NTP:YES IARC:YES OSHA:YES
Health Hazards Acute and Chronic:EYE: IRRITATION FROM CONTACT OR
(GRINDING) DUST. SKIN: MAY CAUSE IRRITATION. MAY CAUSE DERMATITIS
(DRYING & CRACKING) AND ALLERGIC REACTION. INHALE: CURING VAPORS
MAY CAUSE RESPIRATORY SYSTEM IRRITATION, DUST MAY CAUSE
IRRITATION. INGEST: DIGESTIVE SYSTEM IRRITATION.
Explanation of Carcinogenicity:PARA-CHLOROPHENOL-DEMETHYL UREA IS A
SUSPECT
CARCINOGEN BASED ON LAB ANIMAL STUDIES. NO EXPOSURE
W/NORMAL USE OF PRODUCT

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First Aid Measures
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First Aid:EYE: IMMEDIATELY FLUSH EYES WITH WATER FOR AT LEAST 10 MIN.
CALL A PHYSICIAN. SKIN: WASH WITH SOAP & WATER. REMOVE CONTAMINATED
CLOTHING AND LAUNDER BEFORE REUSE. INHALE: PROVIDE FRESH AIR. CALL
A PHYSICIAN. INGESTION: DO NOT INDUCE VOMITING. IMMEDIATELY CALL A
PHYSICIAN OR POISON CONTROL CENTER.

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Fire Fighting Measures
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Extinguishing Media:CO2, FOAM, DRY CHEMICAL
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
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Spill Release Procedures:VENTILATE THE AREA. COLLECT SPILLED MATERIAL.
PLACE IN A CLOSED CONTAINER.

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Handling and Storage
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Handling and Storage Precautions:AVOID HEAT CONDITIONS WHICH CAN CAUSE
PREMATURE REACTION WITH PRODUCTION OF INTENSE HEAT AND SMOKE. AVOID
BREATHING VAPORS DURING HEAT CURING.
Other Precautions:AVOID EYE AND SKIN CONTACT. AVOID EYE CONTACT WITH OR
BREATHING DUST FROM CUTTING, GRINDING OR SANDING OPERATIONS ON THE
CURED MATERIAL.

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Exposure Controls/Personal Protection
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Ventilation:SUFFICIENT VENTILATION TO MAINTAIN VAPOR CONCENTRATIONS
BELOW RECOMMENDED EXPOSURE

E LIMITS. PROPERLY VENT CURING OVENS.

Protective Gloves:IMPERVIOUS GLOVES

Eye Protection:SAFETY GLASSES

Other Protective Equipment:PREVENT SKIN CONTACT.

Work Hygienic Practices:REMOVE CONTAMINATED CLOTHING AND LAUNDRER BEFORE REUSE.

Supplemental Safety and Health

KEEP OUT OF THE REACH OF CHILDREN.

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

Spec Gravity:1.44

Solubility in Water:VERY SLIGHT

Appearance and Odor:GRAY, VISCOUS PASTE

Percent Volatiles by Volume:0

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

Stability Indicator/Materials to Avoid:YES

STRONG OXIDIZING AGENTS.

Hazardous Decomposition Products:CO, CO2, & NITROGEN DECOMPOSITION PRODUCTS, INCLUDING POSSIBLE HCN, WHEN SUBJECTED TO EXCESSIVE HEAT OR FLAME.

Conditions to Avoid Polymerization:AVOID HEAT SOURCES WHICH CAUSE PREMATURE REACTION (EXOTHERM) WITH PRODUCTION OF INTENSE HEAT AND SMOKE.

===== 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 APPLICABLE REGULATIONS.

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