

3M COMPANY -- SCOTCHWELD STRUCTURAL ADHESIVE 2214, TY1CL3 -- 8040-01-077-5417

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

Product ID: SCOTCHWELD STRUCTURAL ADHESIVE 2214, TY1CL3

MSDS Date: 01/01/1985

FSC: 8040

NIIN: 01-077-5417

MSDS Number: BGKRG

=== Responsible Party ===

Company Name: 3M COMPANY

Emergency Phone Num: (612) 733-1110

CAGE: 76381

=== Contractor Identification ===

Company Name: 3M MINNESOTA MINING AND M

FG 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 =====

Ingred Name: EPICHLOROHYDRIN/POLYHYDROXYL POLYMER (W/POLYGLYCOL
DIEPOXIDE RESIN - APPROX 77%
)

Ingred Name: POLYGLYCOL DIEPOXIDE RESIN (W/EPICHLOROHYDRIN/POLYHYDROXYL
POLYMER - APPROX 77%)

Ingred Name: PHENYL GLYCIDYL ETHER (PGE)

CAS: 122-60-1

RTECS #: TZ3675000

OSHA PEL: 10 PPM

ACGIH TLV: 1 PPM; 9293

Ingred Name: 1,4-BUTANEDIOL DIGLYCIDYL ETHER (COMBINED W/OTHER INGREDIENTS,
FORMS APPROX 21% OF PRODUCT)

Ingred Name: DICYANDIAMIDE (COMBINED W/OTHER INGREDIENTS. FORMS APPROX 21% OF
THE PRODUCT)

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

Effects of Overexposure: E

YES: IRRIT. SKIN: MOD IRRIT TO ALBINO RABBITS.
POSS SENSITIZATION IN CERTAIN INDIV. AVOID DUST, VAP

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

First Aid:EYES: IMMED FLUSH W/PLENTY OF WATER FOR 10 MIN & CALL MD.
SKIN: WASH THOROUGHLY W/SOAP & WATER BEFORE ADHESIVE CURES. LAUNDER
CONTAM CLOTHING BEFORE REUSE. INH: AVOID VAPORS OF HEATED PRODUCT.
AVOID D UST OF CURED ADHES WHEN GRINDING OR SAWING.

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

Extinguishing Media:CO*2, FOAM, DRY CHEMICAL
Fire Fighting Procedures:NONE
Unusual Fire/Explosion Hazard:NONE KNOWN

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

Spill Release Procedures:COLLECT SPILLED MATERIAL, CLEAN UP RESIDUE &
AREA. PLACE COLLECTED MATERIAL IN METAL CONTAINER.

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

Handling and Storage Precautions:AVOID EYE & SKIN CONTACT. AVOID
BREATHING VAPORS DURING HANDLING & CU
RE. USE ONLY IN WELL
VENTILATED AREAS W/ADEQ AIR MOVEMENT TO DILUTE VAPORS.
Other Precautions:USE LOCA EXHAUST VENTILATION AT LOCATION WHERE
HEATED. AVOID BREATHING DUST FROM CURED PRODUCT WHEN GRINDING OR
SANDING. KEEP OUT OF REACH OF CHILDREN.

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

Ventilation:MFR RECM MECHANICAL VENTILATION, USE LOCAL EXHST WHEN
HEATED
Protective Gloves:IMPERVIOUS
Eye Protection:SAFETY GLASSES
Supplemental Safety and Health
ADD I

NGRED: SOLID DIMETHYL UREA DERIVATIVE & SILICA PIGMENT (COMBINED
W/1,4 BUTANEDIOL DIGLYCIDYL ETHER & DICYAN-DIAMIDE FORMS APPROX 21%
OF THE PRODUCT.) SILICA IS CAB-O-SIL, NIOSH VV7310000.

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

HCC:N1
Spec Gravity:1.15
Solubility in Water:SLIGHT
Appearance and Odor:CREAM COLORED VISCOUS PASTE
Percent Volatiles by Volume:0

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

Stability Indicator/Materials to
Avoid:NO
STRONG OXIDIZING AGENTS
Stability Condition to Avoid:EXPOS TO TEMP ABOVE ROOM TEMP FOR PRLNGD
PERIODS OF TIME.
Conditions to Avoid Polymerization:ELEVATED STORAGE TEMPERATURES

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

Waste Disposal Methods:MFR RECM INCINERATE IF IAW FED, STATE & LOCAL
CODES.

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