

3M GENERAL OFFICES -- VITREBOND GLASS IONOMER LIQUID,7512 L

=====
MSDS Safety Information
=====

FSC: 6520
NIIN: 01-309-3447
MSDS Date: 03/02/1995
MSDS Num: BXCHP
Product ID: VITREBOND GLASS IONOMER LIQUID,7512 L
MFN: 02
Responsible Party
Cage: 0K0U5
Name: 3M GENERAL OFFICES
Address: 3M CENTER
City: ST. PAUL MN 551
44-1000
Info Phone Number: 612-733-1110
Emergency Phone Number: 612-733-1110
Preparer's Name: UNKNOWN
Review Ind: Y
Published: Y

=====
Contractor Summary
=====

Cage: 76381
Name: MINNESOTA MINING AND MFG CO, DBA 3M
Address: 3M CENTER BLDG 224-5S-04
City: SAINT PAUL MN 55144-1000
Phone: 866-556 5712 / 612-733-1110
Cage: 0K0U5
Name: MINNESOTA MINING AND MFG CO DENTAL PRODUCTS DIV
Address: 3M CENTER

City: SAINT PAUL MN 55144-1000
Phone: 800-364-3577/651-737-6501

=====
Item Description Information
=====

Item Manager: S9M
Item Name: LINER AND BASE, GLASS IONOMER RESTORATIVE; DENTAL
Specification Number: UNKNOWN
Unit of Issue: EA
UI Container Qty: 1
Type of Container: EACH

=====
Ingredients
=====

=

Name: COPOLYMER OF ACRYLIC/ITACONIC ACID

% Wt: 42

Other REC Limits: NONE RECOMMENDED

OSHA PEL: NOT ESTABLISHED

ACGIH TLV: NOT ESTABLISHED

Cas: 7732-18-5

RTECS #: ZC0110000

Name: WATER

% Wt: 30 - 40

Other REC Limits: NONE RECOMMENDED

OSHA PEL: NOT RELEVANT

ACGIH TLV: NOT RELEVANT

Cas: 868-77-9

RTECS #: OZ4725000

Name: METHACRYLIC ACID, 2-HYDROXYETHYL ESTER

% Wt: 20 - 25

Other REC Limits: NONE RECOMMENDED

OSHA PEL: NOT ESTABLISHED

ACGI

H TLV: NOT ESTABLISHED

=====
Health Hazards Data

=====
LD50 LC50 Mixture: LD50 (ORAL, RAT) IS NOT KNOWN.

Route Of Entry Inds - Inhalation: YES

Skin: NO

Ingestion: NO

Carcinogenicity Inds - NTP: NO

IARC: NO

OSHA: NO

Effects of Exposure: TARGET ORGANS:EYE, SKIN, RESPIRATORY AND GASTROINTESTINAL TRACTS. ACUTE- INHALATION:MAY CAUSE UPPER RESPIRATORY TRACT IRRITATION.

EYE:MAY CAUSE SEVERE IRRITATION

ON. SKIN:MAY CAUSE ALLERGIC REACTION. INGESTION:

IRRITATION OF GASTROINTESTINAL TISSUES. CHRONIC- UNKNOWN.

Explanation Of Carcinogenicity: NONE

Signs And Symptoms Of Overexposure: IRRITATION, TEARING, REDNESS, SWELLING, PAIN, IMPAIRED VISION, CLOUDY APPEARANCE OF THE CORNEA, BLISTERING, ITCHING, SORENESS OF THE NOSE AND THROAT, COUGHING, SNEEZING, NAUSEA, VOMITING, ABDOMINAL TENDERNESS, BLOOD IN VOMITUS, BLOOD IN FECES

Medical Cond Aggravated By Exposure: NOT KNOWN

First Aid: GET MEDIC

AL HELP IF SYMPTOMS PERSIST. INHALED:REMOVE TO FRESH AIR.
PROVIDE CPR/OXYGEN IF NEEDED. EYES:FLUSH WITH WATER FOR 15 MINUTES, HOLDING EYELIDS OPEN. GET MEDICAL ATTENTION. SKIN:WASH WITH SOAP & WATER.
ORAL:IF CONSCIOUS, DRINK TWO GLASSES OF WATER. GET MEDICAL ATTENTION IMMEDIATELY.

=====
Handling and Disposal
=====

Spill Release Procedures: PREVENT SKIN AND EYE CONTACT. ABSORB SPILLS WITH

INERT MATERIAL SUCH AS SAND OR VERMICULITE. PLACE IN METAL CONTAINER FOR LATER DISPOSAL. CLEAN SPILL AREA WITH WATER.

Neutralizing Agent: NOT RELEVANT

Waste Disposal Methods: DISPOSE OF IN ACCORDANCE WITH ALL LOCAL, STATE AND FEDERAL REGULATIONS. INCINERATE IN A PERMITTED HAZARDOUS WASTE INCINERATOR IN THE PRESENCE OF A COMBUSTIBLE MATERIAL. DISPOSE OF WASTE PRODUCT IN A SANITARY LANDFILL.

Handling And Storage Precautions: STORE IN COOL PLACE. DO NOT INGEST. KEEP CONTAINER TIGHTLY CLOSED.

Other Precautions: AVOID EYE OR SKIN CONTACT. WASH THOROUGHLY AFTER HANDLING AND BEFORE EATING OR DRINKING. KEEP OUT OF REACH OF CHILDREN. USE IN A WELL VENTILATED AREA.

=====
Fire and Explosion Hazard Information
=====

Flash Point Text: NONE

Extinguishing Media: WATER SPRAY, DRY CHEMICAL, CARBON DIOXIDE, ALCOHOL FOAM/FOAM. USE WATER SPRAY TO COOL FIRE-EXPOSED CONTAINERS.

Fire Fighting

Procedures: WEAR PROTECTIVE CLOTHING AND NIOSH-APPROVED SELF-CONTAINED BREATHING APPARATUS.

Unusual Fire/Explosion Hazard: NONE

=====
Control Measures
=====

Respiratory Protection: NORMALLY NONE NEEDED.

Ventilation: ADEQUATE

Protective Gloves: LATEX RECOMMENDED.

Eye Protection: SAFETY GOGGLES RECOMMENDED

Other Protective Equipment: PROVIDE EYE WASH & SAFETY SHOWER.

Work Hygienic Practice

s: OBSERVE GOOD PERSONAL HYGIENE PRACTICES AND RECOMMENDED PROCEDURES.

Supplemental Safety and Health: FORMULA CHANGED. FOR PREVIOUS FORMULATION, SEE PNI A, SAME NSN.

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

HCC: C3
NRC/State LIC No: NOT RELEVANT
B.P. Text: UNKNOWN
M.P/F.P Text: NOT KNOWN
Decomp Text: NOT KNOWN
Vapor Pres: UNKNOWN
Vapor Density: UNKNOWN
Spec Gravity: 1.200
PH: 2.5- 3
Viscosity: 300 CPS
Evaporation Rate & Reference: UNKNOWN
Solubility in Water: COMPLETE
Appearance and Odor: CLEAR, SLIGHT YELLOW LIQUID - SLIGHT SWEET ODOR
Percent Volatiles by Volume: 35
Corrosion Rate: UNKNOWN

=====
Reactivity Data
=====

Stability Indicator: YES
Stability Condition To Avoid: NONE
Materials To Avoid: UNKNOWN
Hazardous Decomposition Products: CARBON MONOXIDE, CARBON DIOXIDE
Hazardous
Polymerization Indicator: NO
Conditions To Avoid Polymerization: NOT RELEVANT

=====
Toxicological Information
=====

=====
Ecological Information
=====

=====
MSDS Transport Information
=====

=====

=====
Regulatory Information
=====

=====
Other Information
=====

=====
Transportation Information
=====

Responsible Party Cage: 0K0U5
Trans ID NO: 124171
Product ID: VITREBOND GLASS IONOMER LIQUID,7512 L

MSDS Prepared Date: 03/02/1995
Review Date: 06/28/1995
MFN: 2
Net Unit Weight: 6.6 G
Multiple KIT Number: 0
Review IND: Y
Unit Of Issue: EA
Container QTY: 1
Type Of Container: EACH

=====
Detail DOT Information
=====

DOT PSN Code: ZZZ
DOT Proper Shipping Name: NOT REGULATED BY THIS MODE OF TRANSPORTATION

=====
Detail IMO Information
=====

IMO PSN Code: ZZZ
IMO Proper Shipping Name: NOT REGULATED FOR THIS MODE OF TRANSPORTATION

=====
Detail IATA Information
=====

IATA PSN Code: ZZZ
IATA Proper Shipping Name: NOT REGULATED BY THIS MODE OF TRANSPORTATION

=====
Detail AFI Information
=====

AFI

PSN Code: ZZZ

AFI Proper Shipping Name: NOT REGULATED BY THIS MODE OF TRANSPORTATION

HAZCOM Label

Product ID: VITREBOND GLASS IONOMER LIQUID,7512 L

Cage: 0K0U5

Company Name: MINNESOTA MINING AND MFG CO DENTAL PRODUCTS DIV

Street: 3M CENTER

City: SAINT PAUL MN

Zipcode: 55144-1000

Health Emergency Phone: 612-733-1110

Label Required IND: Y

Date Of Label Review: 06/28/1995

Status Code:

C

MFG Label NO: NOT RELEVANT

Label Date: 06/28/1995

Origination Code: F

Signal Word: WARNING

Health Hazard: Moderate

Contact Hazard: Moderate

Fire Hazard: None

Reactivity Hazard: None

Hazard And Precautions: TARGET ORGANS:EYE, SKIN, RESPIRATORY & GI TRACTS.

ACUTE- INHALE:MAY CAUSE UPPER RESPIRATORY TRACT IRRITATION. EYE:MAY CAUSE SEVERE IRRITATION. SKIN:MAY CAUSE ALLERGIC REACTION. ORAL:IRRITATION OF GI T ISSUES. CHRONIC- UNKNOWN. STORE IN COOLPLACE. ABSORB SPILLS WITH INERT MATERIAL

SUCH AS SAND/VERMICULITE. PLACE IN METAL CONTAINER. CLEAN SPILL AREA WITH WATER. FIRST AID- GET MEDICAL HELP IF SYMPTOMS PERSIST. INHALED:REMOVE TO FRESH AIR. PROVIDE CPR/OXYGEN IF NEEDED. EYES:FLUSH WITH WATER FOR 15 MINUTES, HOLDING EYELIDS OPEN. GET MEDICAL ATTENTION. SKIN:WASH WITH SOAP & WATER. ORAL:IF CONSCIOUS, DRINK 2 GLASSES OF WATER. GET MEDICAL ATTENTION.

Disclaimer (provided with this information by the compiling agencies): This

information is formulated for use by elements of the Department of Defense. The United States of America in no manner whatsoever expressly or implied warrants, states, or intends said information to have any application, use or viability by or to any person or persons outside the Department of Defense nor any person or persons contracting with any instrumentality of the United States of America and disclaims all liability for such use. Any person utilizing this in

struction who is not a military or civilian employee of the United States of America should seek competent professional advice to verify and assume responsibility for the suitability of this information to their particular situation regardless of similarity to a corresponding Department of Defense or other government situation.