

3M GENERAL OFFICES -- VITREBOND GLASS IONOMER POWDER,7512 P

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

FSC: 6520
NIIN: 01-310-0488
MSDS Date: 03/02/1995
MSDS Num: BTGLT
Product ID: VITREBOND GLASS IONOMER POWDER,7512 P
MFN: 02
Responsible Party
Cage: 0K0U5
Name: 3M GENERAL OFFICES
Address: 3M CENTER
City: ST. PAUL MN
55144-1000
Info Phone Number: 612-733-1110
Emergency Phone Number: 612-733-1110
Preparer's Name: UNKNOWN
Review Ind: Y
Published: Y

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

Cage: 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
Cage: 28156
Name: MINNESOTA MINING AND MFG CO HEALTH CARE SERVICES DIV
Address: 3M CTR
BLDG 275-4E-01
City: ST PAUL MN 55144-1000
Phone: 800-854-0631

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

Item Manager: S9M
Item Name: LINER AND BASE, GLASS IONOMER RESTORATIVE, DENTAL
Unit of Issue: EA
UI Container Qty: 1

=====
Ingredients
=====

Name: VITREBOND POLYMER POWDER
% Wt: 95-100
Other REC

Limits: NONE RECOMME
OSHA PEL: NOT ESTABLISHED
ACGIH TLV: NOT ESTABLISHED

Cas: 141-78-6
RTECS #: AH5425000
Name: ETHYL ACETATE (SARA III)
% Wt: < 5
Other REC Limits: NONE RECOMME
OSHA PEL: 400 PPM
ACGIH TLV: 400 PPM; 9394
EPA Rpt Qty: 5000 LBS
DOT Rpt Qty: 5000 LBS

=====
Health Hazards Data
=====

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

Route Of Entry In

ds - Inhalation: YES

Skin: NO

Ingestion: NO

Carcinogenicity Inds - NTP: NO

IARC: NO

OSHA: NO

Effects of Exposure: TARGET ORGANS:EYE, SKIN, RESPIRATORY TRACT. ACUTE-
INHALATION:DUST MAY CAUSE UPPER RESPIRATORY TRACT IRRITATION. EYE:MAY CAUSE
MECHANICAL IRRITATION. SKIN:MAY CAUSE MECHANICAL IRRITATION. INGESTION:NO
ADVERSE HEALTH EFFECTS ARE EXPECTED FROM SWALLOWING. CHRONIC- UNKNOWN.

Explanation Of Carcinogenicity: NONE

Signs And Symptoms Of Overexposure: IRRITATION, TEARING, REDNESS, ITC
HING,

SCRATCHING OF THE CORNEA, SORENESS OF THROAT AND NOSE, SNEEZING

Medical Cond Aggravated By Exposure: NOT KNOWN

First Aid: GET MEDICAL ATTENTION IF SYMPTOMS PERSIST. SKIN:WASH WITH SOAP AND
WATER. EYE:IMMEDIATELY FLUSH WITH WATER FOR 15 MINUTES, HOLDING EYELIDS OPEN.
INHALED:REMOVE TO FRESH AIR. ORAL:NO NEED FOR FIRST AID IS ANTICIPATED.

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

Spill Release

Procedures: VENTILATE AREA. USE WET SWEEPING TO AVOID DUSTING.

TRANSFER TO CONTAINER FOR LATER DISPOSAL.

Neutralizing Agent: NOT RELEVANT

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

Handling And Storage Precautions: STORE IN COOL, DRY PLACE. DO NOT INGEST.

Other Precautions: AVOID BREATHING DUST. 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, CARBON DIOXIDE, FOAM OR DRY CHEMICAL FOR SURROUNDING FIRE. 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. WEAR NIOSH APPROVED RESPIRATOR FOR DUST IF TLV IS EXCEEDED.

Ventilation: ADEQUATE

Protective Gloves: LATEX RECOMMENDED.

Eye Protection: SAFETY GOGGLES RECOMMENDED

Other Protective Equipment: PROVIDE EYE WASH & SAFETY SHOWER.

Work Hygienic Practices: 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: N1

NRC/State LIC No: NOT RELEVANT

M.P/F.P Text: NOT KNOWN

Decomp Text: NOT KNOWN

Spec Gravity: 3.200

Viscosity: NOT RELEVANT

Evaporation Rate & Reference: NOT RELEVANT

Solubility in Water: NIL

Appearance and Odor: WHITE POWDER - ODORLESS

Corrosion Rate: UNKNOWN
=====

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

Stability Indicator: YES
Stability Condition To Avoid: UNKNOWN
Materials To Avoid: UNKNOWN
Hazardous Decomposition Products: UNKNOWN
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: 124207
Product ID: VITREBOND GLASS IONOMER POWDER,7512 P
MSDS Prepared Date: 03/02/1995
Review Date: 06/26/1995
MFN: 2
Net Unit Weight: 5 G
Multiple KIT Number: 0
Review IND: Y
Unit Of Issue: EA
Container QTY: 1
=====

=====
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 POWDER,7512 P
Cage: 0K0U5

C

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: 06/26/1995

Status Code: C

MFG Label NO: NOT RELEVANT

Label Date: 06/26/1995

Origination Code: F

Eye Protection IND: YES

Skin Protection IND: YES

Signal Word: CAUTION

Health Hazard: Slight

Contact Hazard: Slight

Fire Hazard: None

Reactivity Hazard: None

Hazard And Precautions: TARGET ORGANS:EYE, SKI

N, RESPIRATORY TRACT. ACUTE-

INHALATION:DUST MAY CAUSE UPPER RESPIRATORY TRACT IRRITATION. EYE/SKIN:MAY CAUSE MECHANICAL IRRITATION. INGESTION:NO ADVERSE HEALTH EFFECTS ARE EXPECTED FROM SWALLOWING. CHRONIC- UNKNOWN. STORE IN COOL, DRY PLACE. DO NOT INGEST. IN CASE OF SPILL: VENTILATE AREA. USE WET SWEEPING TO AVOID DUSTING. TRANSFER TO CONTAINER FOR LATER DISPOSAL. FIRST AID - GET MEDICAL ATTENTION IF SYMPTOMS PERSIST. SKIN:WASH WITH SOAP AND WATER. EYE:IMMEDIATELY FLUSH WITH WAT

ER FOR 15 MINUTES, HOLDING EYELIDS OPEN. INHALED:REMOVE TO FRESH AIR.

ORAL:NO NEED FOR FIRST A ID IS ANTICIPATED.

=====

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 instruction 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.