

MINNESOTA MINING MFG CO DENTAL PROD DIV -- VITREBOND GLASS IONOMER POWDER,7512 P
-- 6520-01-302-2656

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

Product ID:VITREBOND GLASS IONOMER POWDER,7512 P
MSDS Date:04/06/1995
FSC:6520
NIIN:01-302-2656
MSDS Number: CCLZX
=== Responsible Party ===
Company Name:MINNESOTA MINING MFG CO DENTAL PROD DIV
Address:3M CENTER
City:ST PAUL
State:MN
ZIP:55144-1000
Country:US
Info Phone Num:612-737-4114
Emergency Phone Num:612-737-4114
CAGE:76
381

=== Contractor Identification ===

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
Company Name:MINNESOTA MINING AND MFG CO DENTAL PRODUCTS DIV
Address:3M CENTER
Box:City:SAINT PAUL
State:MN
ZIP:55144-1000
Country:US
Phone:800-364-3577/651-737-6501
CAGE:0K0U5

===== Composition/Information on Ingredients =====

Ingred Name:STRONTIUM FLUORO AL

UMINO SILICATE GLASS

Fraction by Wt: 95 - 99%

Other REC Limits:NONE RECOMMENDED

Ingred Name:DIPHENYL IODONIUM CHLORIDE

CAS:1483-72-3

Fraction by Wt: 1 - 5%

Other REC Limits:NONE RECOMMENDED

Ingred Name:BENZENESULFONAMIDE,4-AMINO-N-5-ISOXAZOLYL-

CAS:7758-79-4

Fraction by Wt: 0.5-1.5%

Other REC Limits:NONE RECOMMENDED

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

LD50 LC50 Mixture:LD50 (ORAL, RAT) IS UNKNOWN.

Routes of Entry: Inhalation:YES Skin:NO Ingestion:NO

Reports o

f Carcinogenicity:NTP:NO IARC:NO OSHA:NO

Health Hazards Acute and Chronic:TARGET ORGANS:EYES, SKIN, RESPIRATORY TRACT. ACUTE- EYES:MECHANICAL EYE IRRITATION. SKIN:MECHANICAL IRRITATION. INHALATION:DUST MAY CAUSE UPPER RESPIRATORY TRACT IRRITATION. ORAL:NO ADVERSE HEALTH EFFECTS ARE EXPECTED FROM SWALLOWING. CHRONIC- UNKNOWN.

Explanation of Carcinogenicity:THIS COMPOUND CONTAINS NO INGREDIENTS AT CONCENTRATIONS OF 0.1% OR GREATER THAT ARE CARCINOGENS OR SUSPECT CARCINOGENS.

Effects of Overexposure:IRRITATION, REDNESS, TEARING, ITCHING, COUGHING, SNEEZING
Medical Cond Aggravated by Exposure:NONE SPECIFIED BY MANUFACTURER.

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

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

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

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Flash Point:NONE
Lower Limits:NOT GIVEN
Upper Limits:NOT GIVEN
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 IF NEEDED.
Unusual Fire/Explosion Hazard:POWDERED MATERIAL MAY FORM EXPLOSIVE
DUST- AIR MIXTURES.

===== Accidental Release Measures =====
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Spill Release Procedures:WEAR PROTECTIVE EQUIPMENT. VENTILATE AREA. USE
WET SWEEPING METHOD TO AVOID DUSTING. TRANSFER TO A METAL CONTAINER
FOR DISPOSAL. CLEAN SPILL AREA THOROUGHLY TO REMOVE RESIDUAL
CONTAMINATION.
Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

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

Handling and Storage Precautions:STORE IN COOL PLACE. KEEP CONTAINER
CLOSED. MINIMIZE DUST GENERATION AND ACCUMULATION.
Other Precautions:AVOID CONTACT WITH EYES. USE WITH ADEQUATE
VENTILATION. WASH THOROUGHLY AFTER HANDLING. KEEP OUT OF REACH OF
CHILDREN. DO NOT BREATHE DUST. DO NOT INGEST.

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

Respiratory Protection:NONE NORMALLY REQUIRED. IN DUSTY SITUATION, WEAR
NIOSH-APPROVED DUST RESPIRATOR OR MASK.
Ventilation:ADEQUATE
Protective Gloves:AVOID REPEATED CONTACT
Eye Protection:GOGGLES RECOMMENDED
Other Protective Equipment:EYE WASH STATION AND SAFETY SHOWER.
Work Hygienic Practices:PRACTICE GOOD HYGIENIC PROCEDURE. WASH
THOROUGHLY BEFORE EATING OR DRINKING.
Supplemental Safety and Health
FORMULA CHANGED.

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

HCC:N1
NRC/State Lic Num:NOT RELEVANT
Boiling Pt:B.P. Text:NOT GIVEN
Melt/Freeze Pt:M.P/F.P Text:NOT GIVEN
Vapor Pres:NOT GIVEN
Vapor Density:NOT GIVEN
Spec Gravity:3.200
Viscosity:NOT RELEVANT
Evaporation Rate & Reference:NOT RELEVANT
Solubility in Water:NI

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Appearance and Odor:WHITE POWDER - NO ODOR

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

Stability Indicator/Materials to Avoid:YES

NONE SPECIFIED BY MANUFACTURER.

Stability Condition to Avoid:NONE SPECIFIED BY MANUFACTURER.

Hazardous Decomposition Products:CARBON MONOXIDE, CARBON DIOXIDE AND
OTHER DECOMPOSITION PRODUCTS MAY BE FORMED.

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

Waste Disposal Methods:DISCHARGE, TREATMENT OR DISPOSAL MAY BE
SUBJECT

TO FEDERAL, STATE OR LOCAL REGULATIONS. SANITARY LANDFILL IS
RECOMMENDED.

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