

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:76381

=== 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/Informatio

n on Ingredients =====

Ingred Name:STRONTIUM FLUORO ALUMINO SILICATE GLASS

Fraction by Wt: 95 - 99%

Other REC Limits:NONE RECOMMENDED

Ingred Name:DIPHENYLIODNIUM 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 of 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 =====

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 =====

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:GOGGL

ES 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

Evap

oration Rate & Reference:NOT RELEVANT

Solubility in Water:NIL

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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