

MINNESOTA MINING & MFG CO, DENTAL PRODUCTS DIV -- 7312 EXPRESS VINYL POLYSILOXANE IMPRESSION -- 6520-01-217-4341

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

Product ID:7312 EXPRESS VINYL POLYSILOXANE IMPRESSION

MSDS Date:07/28/1993

FSC:6520

NIIN:01-217-4341

MSDS Number: BRZZY

=== Responsible Party ===

Company Name:MINNESOTA MINING & MFG CO, DENTAL PRODUCTS DIV

Address:3M CENTER

City:ST PAUL

State:MN

ZIP:5514

4-1000

Country:US

Info Phone Num:612-733-1110/612-737-4114

Emergency Phone Num:612-733-1110

CAGE:1LF36

=== Contractor Identification ===

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

Company Name:MINNESOTA MINING AND MFG CO OFFICE SUPPLIES DIV

Address:3M CTR

Box:City:SAINT PAUL

State:MN

ZIP:55144-1000

Country:US

Phone:612-737-4114

CAGE:1LF36

===== Compositi

on/Information on Ingredients =====

Ingred Name:SILOXANES & SILICONES, DI-METHYLVINYL GROUP TERMINATED  
CAS:68083-19-2  
Fraction by Wt: 15-25%  
Other REC Limits:NONE SPECIFIED

Ingred Name:SILICA, CRYSTALLINE - QUARTZ  
CAS:14808-60-7  
RTECS #:VV7330000  
Fraction by Wt: 32-40%  
Other REC Limits:NONE SPECIFIED  
OSHA PEL:SEE TABLE Z3  
ACGIH TLV:0.1 MG/M3 RDUST;9293

Ingred Name:WHITE MINERAL OIL  
CAS:8042-47-5  
RTECS #:PY8047000  
Fraction by Wt: 5-10%  
Other REC Limits:5 MG/M3

Ingred Name:IRON OXIDE  
CAS:1309-37-1  
RTECS #:NO7400000  
Fraction by Wt: 0.1-1.0%  
Other REC Limits:5 MG/M3 AS FE  
OSHA PEL:10 MG/M3 (FE)  
ACGIH TLV:5 MG/M3(FE),B2; 9293

Ingred Name:CALCIUM CARBONATE  
CAS:471-34-1  
RTECS #:FF9335000  
Fraction by Wt: 30-40%  
Other REC Limits:NONE RECOMMENDED

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

Routes of Entry: Inhalation:NO Skin:NO Ingestion:NO  
Reports of Carcinogenicity:NTP:YES IARC:YES OSHA:NO  
Health Hazards Acute and Chronic:ACUTE- EYE: MINOR IRRITAT

ION. SKIN: NO

ILL EFFECTS. INHALATION:EXPOSURE IS UNLIKELY. INGESTION:  
PRACTICALLY NON-TOXIC BY INGESTION.

Explanation of Carcinogenicity:QUARTZ SILICA IS LISTED AS AN  
ANTICIPATED CARCINOGEN BY NTP, AND A PROBABLE HUMAN CARCINOGEN BY  
IARC.

Effects of Overexposure:EYE:REDNESS, SWELLING, TEARING.  
INGESTION:ABDOMINAL PAIN.

Medical Cond Aggravated by Exposure:NONE SPECIFIED BY MANUFACTURER.

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

First Aid:EYES: IN

CASE OF EYE CONTACT, FLUSH WITH RUNNING WATER FOR 15  
MINUTES WHILE HOLDING EYELIDS OPEN. GET MEDICAL ATTENTION  
IMMEDIATELY. INGESTION:DRINK TWO GLASSES OF WATER, CALL PHYSICIAN.

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

Extinguishing Media:USE WATER FOG, CARBON DIOXIDE, OR DRY CHEMICAL.  
Unusual Fire/Explosion Hazard:NONE

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

Spill Release Procedures:WEAR GLOVES, CONTAIN AREA OF SPILL, COLLECT

MATERIAL. WIPE UP RESIDUE WITH ABSORBENT MATERIAL. PLACE IN METAL  
CONTAINER.

Neutralizing Agent:MIX CATALYST AND BASE PARTS TOGETHER.

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

Handling and Storage Precautions:STORE AWAY FROM HEAT, SPARKS AND OPEN  
FLAMES. KEEP CONTAINERS TIGHTLY CLOSED WHEN NOT IN USE.

Other Precautions:NONE

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

Respiratory Protection:NONE NORMALLY REQUIRED.

Ventilation:NONE N

ORMALLY REQUIRED.

Protective Gloves:NONE NORMALLY REQUIRED.

Eye Protection:SAFETY GLASSES

Other Protective Equipment:NONE NORMALLY REQUIRED.

Work Hygienic Practices:NO SMOKING WHILE WORKING WITH THIS PRODUCT.

LAUNDRER CONTAMINATED CLOTHING BEFORE REUSE.

Supplemental Safety and Health

FOR USE WITH IMPRESSION KIT, DENTAL 6520-01-217-4339. ITEM IS A KIT OR A MULTIPART PRODUCT WHICH CONSISTS OF MULTIPLE, INDEPENDENTLY PACKAGED COMPONENTS.

===== Physical/Chemical Properties

=====

HCC:N1

Spec Gravity:1.7

Solubility in Water:INSOLUBLE

Appearance and Odor:VISCOUS PASTES, BROWN OR BLUE WHEN MIXED, ODORLESS.

Percent Volatiles by Volume:NIL

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

Stability Indicator/Materials to Avoid:YES

NONE

Hazardous Decomposition Products:NONE KNOWN

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

Waste Disposal Methods:DISPOSE OF AS ORDINARY WASTE IN ACCORDANCE WITH LOCAL REGULATI

ONS. FOR LARGE QUANTITIES: MIX CATALYST AND BASE

PARTS TOGETHER. WHEN FULLY CURED, DISPOSE OF IN SANITARY LANDFILL.

CONSULT REGULATIONS OR AUTHORITIES BEFORE DISPOSAL.

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 this information to be accurate and disclaims all liability for its use. Any p

erson utilizing this

document should seek competent professional advice to verify and assume responsibility for the suitability of this information to their particular situation.