



MATERIALS SAFETY DATA SHEET

Sure Orthodontics – Sure Ortho Glass ionomer Band Cement - POWDER

I. GENERAL INFORMATION			
Chemical Name & Synonyms: STRONTIUM ALUMINOSILICATE GLASS AND DRIED POLYACIDS POWDER Chemical Family: ACID-DEGRADABLE ALUMINOSILICATE Proper DOT Shipping Name Manufacturer: <i>Sure Orthodontics.</i> Manufacturer's Address <i>P.O. Box 3362 - 1211 Geneva 3 Switzerland</i>		Trade name & Synonyms: Formula DOT Hazards Classification	
II. INGREDIENTS			
Principal Hazardous Components		Percent	Threshold Limit Values (units)
Strontium aluminosilicate glass powder		90.0	LD ₅₀ > 5000 mg/kg
Dried poly(acrylic acid)		10.0	LD ₅₀ > 2000 mg/kg
III. PHYSICAL PROPERTIES			
Boiling Point (°F)	N/A	Specific gravity (H ₂ O=1)	N/A
Vapour pressure (mm Hg)	N/A	Percentage volatile (%/v %)	N/A
Vapour density (Air=1)	N/A	Evaporation rate	N/A
Solubility in water	10-WT % (DRY ACID CONTENT)	pH	N/A
Appearance & odor	BLUE FINE POWDER		
IV. FIRE & EXPOSURE			
Flash point (test Method)	N/A		
Flammable Limits	N/A		
Extinguishing media	WATER, WATER SPRAY, DRY POWDER FOAM, CO ₂	Special Fire Fighting Procedures: USE EXTINGUISHING METHOD & MEDIA SUITABLE TO SURROUNDING FIRE	
Unusual fire & Exposure hazards	NONE		
V. HEALTH HAZARD DATA			
OSHA Permissible Exposure limit	N/A	ACGIH Threshold Limit Value:	N/A
Carcinogen - NIP program	N/A	Carcinogen - IARC Program:	N/A
Symptoms of exposure	IRRITATION TO SKIN & EYES	Medical Conditions Aggravated by Exposure: NONE	
Primary routes of entry	INGESTION & INHALATION		
Emergency first aid: UPON PROLONGED CONTACT WITH SKIN OR CONTACT WITH EYES, RINSE WITH PLENTY OF WATER. SEEK MEDICAL HELP IF DISCOMFORT CONTINUES. IF INGESTED, SEEK MEDICAL HELP IMMEDIATELY			
VI. REACTIVITY DATA			
Stability (unstable/stable)	STABLE	Conditions to Avoid: > 25°C (77°F)	
Incompatibility	EUGENOL PRODUCTS	Materials to Avoid: WATER	
Hazardous polymerization?	NONE	Other Conditions to Avoid: NONE	
Hazardous decomposition products	NONE		
VII. ENVIRONMENTAL PROTECTION PROCEDURES			
Spill response: SWEEP, THEN MOP DRY WITH WATER. DO NOT USE BARE HANDS. WATCH OUT FOR ITS DUST HAZARDS		Waste Disposal Method: DO NOT FLUSH INTO SURFACE WATER OR SANITARY SEWER SYSTEM	
VIII. SPECIAL PROTECTION INFORMATION			
Eye protection	N/A	Ventilation Recommended	N/A
Skin protection	WEAR GLOVES	Respiratory Protection (type)	N/A
Other protection	NONE		
IX. SPECIAL PRECAUTIONS			
Hygienic practices in handling & storage: HANDLE WITH GLOVES. ALWAYS STORE WITH LID ON		Precautions for Repair & Maintenance of Contaminated Equipment N/A Other Precautions: NONE	

Revision 1

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