

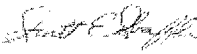
MATERIAL SAFETY DATA SHEET

FORM NO.: 138

SECTION I - GENERAL INFORMATION

- 1.1 Product Trade Name: Lab Plaster, Regular & Fast Set
- 1.2 Part (Item) Number: 99210, 99211, 99212, 99213, 99214, 99215
- 1.3 Chemical Name.....: N.A.
- 1.4 Synonyms.....: N.A.
- 1.5 Division Name.....: DENTSPLY Trubyte
Address.....: 570 W. College Ave.
City, State, Zip...: York, PA 17405-0872
- 1.6 Phone No. for Info.: 717-845-7511
Dentsply

"FOR CHEMICAL EMERGENCY"
SPILL, LEAK, FIRE, EXPOSURE OR ACCIDENT
CALL CHEMTREC - DAY OR NIGHT

- 1.7 Emergency Phone No.: 800-424-9300 1.12 National Stock No.: N.A.
Chemtrec 1.13 Specification No.: N.A.
- 1.8 Date.....: 10/13/97 1.14 Chemical Family: Calcium Sulfate
- 1.9 Dentsply Contact...: Scott E. Shaffer
- 1.10 Signature.....:  1.15 Type/Grade/Class: N.A.
- 1.11 Formula.....: N.A. 1.16 NRC/EPA Number: N.A.

SECTION II - HAZARDOUS INGREDIENTS

CAS Number	Chemical Name (Ingredients)	%	TLV	OSHA PEL
NONE	NONE	NONE	NONE	NONE

SECTION III - PHYSICAL PROPERTIES

- 3.1 Boiling Point.....: 163°C (H₂O)
- 3.2 Vapor Pressure.....: N.A.
- 3.3 Vapor Density.....: N.A.
- 3.4 Critical Temp.....: N.A.
- 3.5 Decomposition Temp...: ND
- 3.6 Melting/Freezing Pt: N.A.
- 3.7 Solubility in Water: 0.2%
- 3.8 Critical Pressure...: N.A.
- 3.9 Perm. Exp. Limit...: 10mg/m³ (dust)
- 3.10 Appearance and Odor: White powder with no odor.
- 3.11 Specific Gravity...: 2.7
- 3.12 pH.....: N.A.
- 3.13 Evaporation Rate...: N.A.
- 3.14 Viscosity.....: N.A.
- 3.15 % Volatile by Vol.: 0%
- 3.16 Magnetism.....: N.A.
- 3.17 Autoignition Temp.: N.A.
- 3.18 Corrosion Rate....: N.A.
- 3.19 Molecular Weight...: 172

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

- 4.1 Flash Point(Method Used): Not combustible.

4.2 Flammable (Explosive) Limits:

LEL: N.A. UEL: N.A.

4.3 Extinguishing Media: Not combustible.

4.4 Special Fire Fighting Procedures and Equipment: N.A.

4.5 Unusual Fire and Explosion Hazards: When heated to decomposition, it emits toxic fumes of SO_x.

Lab Plaster, Regular & Fast Set, Cont'd
SECTION V - HEALTH HAZARD DATA

- 5.1 Effects of Acute and Chronic Over Exposure: Material may develop sufficient heat to cause burning or dry skin. Particles may cause eye irritation.
- 5.2 Emergency and First Aid Procedures: Eyes: Flush immediately with water to remove particles, if irritation continues see physician. Skin: Wash with water. Inhalation: Remove to fresh air. Ingestion: hardens when wetted, may cause obstruction.

---SECTION VI - REACTIVITY DATA

- 6.1 Unstable: Stable: X
- 6.2 Conditions to Avoid (Stability):
- 6.3 Incompatibility (Materials to Avoid): Aluminum (+ heat), diazomethane
- 6.4 Hazardous Decomposition Products: N.A.
- 6.5 Hazardous Polymerization: May Occur: Will Not Occur: X
- 6.6 Conditions to Avoid (Polymerization): N.A.

---SECTION VII - SPECIAL PRECAUTIONS AND SPILL OR LEAK PROCEDURES

- 7.1 Handling and Storage Precautions: Avoid high humidity or moisture.
- 7.2 Other Precautions: N.A.
- 7.3 Steps to be Taken in Case Material is Released or Spilled: Sweep up. Avoid creating dust. Slurry may plug drain.
- 7.4 Waste Disposal Procedures: Normal disposal as for any dry, inert powder.
- 7.5 Neutralizing Agent: N.A.

---SECTION VIII - OCCUPATIONAL PROTECTION MEASURES

- 8.1 Respiratory Protection: NIOSH approved respiration for nuisance dust if above TLV.
- 8.2 Ventilation: Local exhaust if above TLV.
- 8.3 Protective Gloves: N.A.
- 8.4 Eye Protection: Dust goggles or safety glasses.
- 8.5 Other Personal Protective Equipment: N.A.

---SECTION IX - TRANSPORTATION

- 9.1 Applicable Regulations...IMOC: N.A. IATA: N.A. 49 CFR: N.A.
Military Air (AFR 71-4): N.A. Tariff 6D: N.A.
- 9.2 Shipping Name: N.A.
- 9.3 I.D. Number....: N.A.
- 9.4 Report Quantity: N.A.
- 9.5 Hazard Class...: N.A.
- 9.6 Labels.....: N.A.
- 9.7 Aerosol Propellant(s): N.A.
- 9.8 Net Explosive Weight: N.A.
- 9.9 Unit Container: N.A.
- 9.10 DOT SPSC Container: N.A.
- 9.11 DOT Exempt/DOD/CCN: N.A.
- 9.12 Limited Quantity: N.A.

