

SAFETY DATA SHEET

SECTION 1. IDENTIFICATION



Great Lakes Orthodontics
200 Cooper Ave
Tonawanda, NY 14150

716-871-1161
800-828-7626
CHEMTREC: 800-424-9300

Product Name: Plaster
Product Number: 215-001, 215-002

Effective Date: 3/28/13

SECTION 2. HAZARDOUS IDENTIFICATION

Potential Health Effects:

Primary Routes of Entry

- Inhalation
- Ingestion

Medical Conditions Aggravated by Exposure

- Pre-existing upper respiratory and lung disease.

Human Effects and Symptoms of Overexposure:

Not applicable

Carcinogenicity

No carcinogenic substances as defined by IARC, NTP and / or OSHA.

SECTION 3. COMPOSITION / INFORMATION ON INGREDIENTS

Hazardous Components

This material is not hazardous under the criteria of the Federal OSHA Hazard Communication Standard 29 CFR 1910.1200.

SECTION 4. FIRST AID MEASURES

Eye Contact

Wash with large amounts of water. Obtain first aid or medical attention if needed.

Inhalation

Remove to fresh air. Obtain first aid or medical attention if needed.

Ingestion

Dilute by drinking water or milk. Obtain first aid or medical attention if needed.

Skin: Obtain first aid or medical attention if needed.

SECTION 5. FIRE FIGHTING MEASURES

Suitable Extinguishing Media

Not applicable

Special Fire Fighting Procedures

None.

Unusual Fire / Explosion Hazards

None.

SECTION 6. ACCIDENTAL RELEASE MEASURES

Spill and Leak Procedures

Normal cleanup procedures, avoid dusting conditions.

SECTION 7. HANDLING & STORAGE

Handling / Storage Precautions

Avoid dusting conditions.

SECTION 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Ventilation Measures

Local exhaust is recommended. Mechanical – vent to dust collector.

Respiratory Protection

OSHA approved dust mask.

Hand Protection

Protective gloves as desired.

Eye Protection

Goggles recommended.

SECTION 9. PHYSICAL & CHEMICAL PROPERTIES

- **Form** – Powder
- **Odor** – Low Odor
- **Melting Point** – 1450 °C
- **Specific Gravity (H₂O=1)** – 2.7 – 3.0
- **Solubility in Water** – 0.20 %

Not applicable – Boiling Point, Flash Point, Upper & Lower explosion limit, Vapor Pressure, Vapor Density, Melting Point, and Evaporation Rate.

SECTION 10. STABILITY & REACTIVITY

Hazardous Reactions – Hazardous polymerization will not occur.

Stability – Stable

Materials to Avoid – Acids

Conditions to Avoid – None

Hazardous Decomposition Products – Above 1450 °C – CaO+SO₂.

SECTION 11. TOXICOLOGICAL INFORMATION

Not applicable.

SECTION 12. ECOLOGICAL INFORMATION (non-mandatory)

Not applicable.

SECTION 13. DISPOSAL CONSIDERATIONS (non-mandatory)

Waste Disposal Method

Standard landfill methods consistent with federal, state, and local laws.

SECTION 14. TRANSPORT INFORMATION (non-mandatory)

Not applicable.

SECTION 15. REGULATORY INFORMATION (non-mandatory)

Not applicable.

SECTION 16. OTHER INFORMATION (non-mandatory)

Not applicable.