



SAFETY DATA SHEET

Complies with OSHA Standard 29 CFR 910.1200

Aurora
Clear Ceramic
Brackets

1. Product and Company Identification

Product Name: Aurora Clear Ceramic Brackets
Manufacturer Name: Phoenix Orthodontics
Manufacturer Address: 3750 Palladian Village Drive
Marietta, GA 30066
Business Phone: 770-643-8896
Emergency Phone: 770-643-8896
Revision Date: May 1, 2020

2. Hazard(s) Identification

Hazardous Components:

None. Ceramic Brackets are not generally considered hazardous in the form they are shipped. Further grinding or cutting or any other procedure that causes a release of dust, hazardous levels of dust may be generated.

3. Composition/Information on Ingredients

Chemical Family: High Pure Alumina Oxide, 99,998%, ISO 6872

4. First Aid Measures

In case of releasing dust as described under Section 2, the following first aid procedures are recommended:

Ingestion

While ingestion of large enough quantities to cause health effects is unlikely, consult a physician if it occurs.

Skin Contact

Wash with water and mild detergent, consult a physician.

Eye Contact

Flush thoroughly with water, consult a physician.

Inhalation

Move person to fresh air until recovered, consult a physician.

5. Fire Fighting Measures

Nonflammable.

Extinguishing Media

None.

Fire and Explosion Hazard

None.

Special Fire Fighting Procedures

None.

6. Accidental Release Measures

Sweep up to avoid slipping hazards.

Environmental Precautions

Dispose in accordance with local regulations.

7. Handling and Storage

Precautions to be taken in handling and storing:

None

8. Exposure Controls/Personal Protection

Respiratory Protection

Required only when cutting or grinding.

Skin Protection

Required only when cutting or grinding.

Eye Protection

Required only when cutting or grinding.

9. Physical and Chemical Properties

Appearance:	Solid
Color:	Translucent
Odor:	Odorless
Solubility in Water:	Insoluble
Melting Point:	1950°C
Boiling Point:	Not known
Flash Point:	Non flammable
Vapor Density:	> 1
Relative Density (H ₂ O):	Approximately 1.7
Specific Gravity:	2,5 – 5,0 (water = 1)

10. Stability and Reactivity

Stability:	Stable
Conditions to Avoid:	None
Incompatibility (materials to avoid):	None
Hazard Polymerization:	Will not occur

11. Toxicological Information

This material is not hazardous in normal storage and handling.

12. Ecological Information

No ecological effects are known.

13. Disposal Considerations

Landfill in accordance with all applicable federal, state and local regulations. The possibility of recycling must be proofed under local regulations, Abfallschlüssel-Nr. nach ÖNORM S 2100: 51305 (Austria).

14. Transport Information

Not dangerous according to current transportation regulations.

15. Regulatory Information

Identification according to EC-Directive:

No obligatory indication. No obligatory identification according to the ChemG BGBl.Nr. 53/1997(Österreich)

16. Other Information

NFPA Hazard Classification

Health: 0

Flammability: 0

Instability: 0

Special Hazards: None

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