1-IDENTIFICATION
Ceramic Orthodontic Brackets

2-CHEMICAL INFORMATION / HAZARDOUS INGREDIENTS
Chemical Family: High pure Alumina Oxide, 99.998% ISO 6872
Hazardous Components: None. Ceramic orthodontic 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-HEALTH HAZARD DATA
Not hazardous.
Ingestion: No documented irritations when using bracket in the form it is shipped.
Skin Contact: No documented irritations when using bracket in the form it is shipped.
Eye Contact: No documented irritations when using bracket in the form it is shipped.
Inhalation: No documented irritations when using bracket in the form it is shipped.

4-FIRST AID PROCEDURE
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 AND EXPLOSION HAZARD DATA
Non Flammable
Extinguishing Media: None
Fire and Explosion Hazard: None
Special Fire Fighting Procedures: None

6-SPILL OR LEAK PROCEDURE
Sweep up to avoid slipping hazards.
Environmental Precautions: None
Special Fire Fighting Procedures: None

7-HANDLING AND STORAGE
Precautions to be Taken in Handling and Storing: None

8-EXPOSURE CONTROLS AND PERSONAL PROTECTION
Respiratory Protection: Only required when cutting, grinding, or welding.
Skin Protection: Only required when cutting, grinding, or welding.
Eye Protection: Only required when cutting, grinding, or welding.

9-PHYSICAL AND CHEMICAL DATA
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
Specific Gravity (H2O=1): 2.5-5.0

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 INFORMATION
Landfill in accordance with all applicable federal, state, and local regulations. The possibility of recycling must be proofed under local regulations.

14-NOTES ON TRANSPORT
Not dangerous according to current transportation regulations.
15-REGULATIONS
Identification according to EC-Directive. No obligatory indication. No obligatory information according to the ChemG BGBi.Nr. 53/1997 (Osterreich).

16-MISCELLANEOUS
The information contained herein is based on data considered accurate. However, no warranty is expressed or implied regarding the accuracy of these data or the results to be obtained from the use thereof. The manufacturer assumes no responsibility for personal injury or property damage to vendees, users, or third parties caused by the material. Such vendees or users assume all risks associated with the use of the material.