

MATERIAL SAFETY DATA SHEET  
according to 91/155/EEC

Effective Date: 28.03.2006  
CERAMIC BRACKETS / LINGUAL BUTTONS

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### 1. Product Information / Company

Product name: CERAMIC BRACKET / Lingual Buttons  
Company: World Class Technology  
1300 NE Alpha Dr  
McMinnville, OR 97128  
Product information: Contact#: 503-472-8320  
Emergency Phone:

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### 2. Chemical Information / Hazardous Ingredients

Chemical family: High Pure Alumina Oxide, 99,998 %, ISO 6872  
Hazardous Components: none  
CDB Ceramic Brackets and Lingual Buttons 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.

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### 3. Health Hazard Data

Not hazardous  
Ingestion: no documented irritations when using bracket in the form they are shipped  
Skin contact: no documented irritations when using bracket in the form they are shipped  
Eye contact: no documented irritations when using bracket in the form they are shipped  
Inhalation: no documented irritations when using bracket in the form they are shipped in

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### 4. First Aid Procedure

In case of releasing dust as described under Chapter 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

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### 5. Fire and Explosion Hazard Data

non flammable  
Extinguishing Media: none  
Fire and Explosion hazard: none  
Special Fire Fighting Procedures: none

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### 6. Spill or leak procedure

Sweep up to avoid slipping hazards  
Environmental precautions: none  
dispose in accordance with local regulations

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### 7. Handling and Storage

Precautions to be taken in handling and storing: none

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### 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

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### 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:	2,5 – 5,0 (water=1)

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### 10. Stability and Reactivity

Stability:	stable
Conditions to avoid:	none
Incompatibility (Materials to avoid):	none
Hazard Polymerization:	will not occur

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### 11. Toxicological Information

This material is not hazardous in normal storage and handling.

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### 12. Ecological Information

No ecological effects are known

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### 13. Disposal Information

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).

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### 14. Notes on Transport

Not dangerous according to current transportation regulations.

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### 15. Regulations:

Identification according to EC-Directive: no obligatory indication  
No obligatory identification according to the ChemG BGBl.Nr. 53/1997 (Österreich)

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### 16. Miscellaneous

N/A = Not Applicable

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.

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