

# Material Safety Data Sheet

## NEOLUCENT PLUS CERAMIC BRACKET

### ORTHO ORGANIZERS

1822 Aston Avenue  
Carlsbad, CA 92008

Telephone: 1-800-547-2000

<b>1. Identification of the substance/device and manufacturer:</b> <b>NEOLUCENT PLUS CERAMIC BRACKET</b>			
<b>2. Composition, information on ingredients:</b>			
<b>Material</b>		<b>Percent</b>	
Aluminum Oxide	99.49	-	96.3%
Silicon Oxide	0.4	-	1.0%
Sodium Oxide	0.02	-	0.3%
Calcium Oxide	0.02	-	0.3%
Potassium Oxide	0.02	-	0.3%
Zinc Oxide	0.02	-	0.3%
Titanium Oxide	0.01	-	0.2%
Boron Oxide	0.02	-	0.3%
<b>3. Hazards identification:</b> <b>While the following effects are associated with one or more of the individual ingredients in the product and are required to be included on the MSDS by the US OSHA hazard communication standard, they are not expected effects during the foreseeable use of the product.</b>  <b>Hazardous Components:</b> 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. <b>Allergic Skin Reaction:</b> no documented irritations when using bracket in the form they are shipped. <b>Inhalation:</b> no documented irritations when using bracket in the form they are shipped. <b>Eye Contact:</b> no documented irritations when using bracket in the form they are shipped. <b>Ingestion:</b> no documented irritations when using bracket in the form they are shipped.			
<b>4. First aid measures:</b> <b>Eye Contact:</b> Flush thoroughly with water; consult a physician. <b>Skin Contact:</b> Wash with water and mild detergent; consult a physician. <b>Inhalation:</b> Move person to fresh air until recovered; consult a physician. <b>Ingestion:</b> While ingestion of large enough quantities to cause health effects is unlikely, consult a physician if it occurs.			
<b>5. Fire fighting measures:</b> <b>Flash Point:</b> Non-flammable. <b>Autoignition Temperature:</b> N/A. <b>Flammable Limits:</b> None. <b>Special Fire Fighting Procedures:</b> None. <b>Extinguishing Media:</b> None.			
<b>6. Accidental release measures:</b> <b>Personal Precaution:</b> Sweep up to avoid slipping hazards. <b>Environmental Precaution:</b> None. Keep away from drains; dispose of in accordance with local regulations.			
<b>7. Handling and storage:</b> <b>Handling:</b> None.			
<b>8. Exposure controls/personal protection:</b> <b>Exposure Guideline:</b> None. <b>Ventilation:</b> Only required when cutting or grinding. <b>Respiratory Protection:</b> Only required when cutting or grinding. <b>Skin Protection:</b> Only required when cutting or grinding. <b>Eye Protection:</b> Only required when cutting or grinding.			

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<p><b>9. Physical and chemical properties:</b> <b>Boiling Point:</b> Not known. <b>Vapor Pressure:</b> N/A. <b>Percent Volatile:</b> N/A. <b>PH:</b> N/A. <b>Solubility in Water:</b> Insoluble. <b>SP. Gravity:</b> 2.5-5.0 (water = 1) <b>Evaporation Rate:</b> N/A. <b>Viscosity:</b> N/A. <b>Appearance and Odor:</b> Solid, odorless.</p>
<p><b>10. Stability and reactivity:</b> <b>Stability (conditions to avoid):</b> Stable (none). <b>Materials to Avoid:</b> None. <b>Hazardous Decomposition Byproducts:</b> None.</p>
<p><b>11. Toxicological information:</b> See section 3, Hazards information.</p>
<p><b>12. Ecological information:</b> No ecological effects are known.</p>
<p><b>13. Disposal considerations:</b> In accordance with all Local, State and Federal regulations. The possibility of recycling must be proofed under local regulations. Abfallschüssel-Nr. Nach ONORM S 2100: 51305 (Austria).</p>
<p><b>14. Transport information:</b> Not dangerous according to current transportation regulations.</p>
<p><b>15. Regulatory information:</b> <i>This product is:</i> <i>Class IIa under Council Directive 93/42/EEC,</i> <i>Class II under CMDR P.C. 1998-783 7 May 1998</i> <i>Class II under 21 CFR 872.5410.</i> This MSDS has been compiled based on the requirements of European Community Council Directive 91/155/EEC, and OSHA'S Hazard Communication Standard, 29 CFR 1910.1200. <i>No obligatory y identification according to the ChemG BGBl.Nr 53/1997 (Osterreich)</i></p>
<p><b>16. Other information:</b> The information herein is given in good faith, but no warranty, express or implied, is made.</p>