

I – Identification of the Substance and of the Company

SUPPLIER: RMO, Inc.
 650 W. Colfax Ave.
 Denver, CO 80204
 303-592-8200

Trade Name and Synonyms – Luxi & Signature
 Description: Ceramic Brackets

Product Grade / Name:
 Bracket: **HIGH PURE ALUMINA OXIDE, 99,998%**
 Luxi Liner: **18 CARAT GOLD ALLOY**

II – Composition / Information on Ingredients

Ceramic:
 High Pure Alumina Oxide, 99,998%
 No hazardous ingredients.

Gold: (Arch Slot Insert; Luxi Only)
 Ingredients: Gold: 690-950/000
 Silver: 45-190/000
 Copper: <38/000
 Brass: <2/000
 No hazardous ingredients.

III – Hazards Identification

Products are not generally considered hazardous in the form they are shipped. Further grinding, cutting or any other procedure that causes a release of dust; hazardous levels of dust may be generated.

PRIMARY ROUTES OF ENTRY:

- Inhalation
- Eye Contact
- Skin Contact
- Ingestion

EMERGENCY FIRST AID:

- No documented irritations when using the product in the form they are shipped.
- No documented irritations when using the product in the form they are shipped. May cause mechanical discomfort.
- No documented irritations when using the product in the form they are shipped.
- No documented irritations when using the product in the form they are shipped.

IV – First Aid Measures

In case of releasing dust as described above; the following first aid procedures are recommended.

- Ingestion: While ingestion of large enough quantities to cause health effects is unlikely, consult with 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.

V – Fire Fighting Measures

Extinguisher Media: None
Fire & Explosion Hazard: None
Special Fire Fighting Procedures: None

VI – Accidental Release Measures

Sweep up to avoid slipping hazards.

VII – Handling and Storage

Precautions to be taken in handling and storing: None

VIII – Exposure Controls / Personal Protection

Personal Protective Equipment:

Personal Protection:

Respiratory:

Only required when cutting or grinding.

Eye Protection:

Approved safety glasses / goggles when grinding, cutting, etc.

Skin Protection:

Only required when cutting or grinding.

IX – Physical and Chemical Properties

Ceramic:

Appearance: Solid

Color: Translucent

Odor: Odorless

Solubility in Water: Insoluble

Melting Point: 1950 °C

Boiling Point: Not Known

Flash Point: Not Flammable

Vapor Density: >1

Specific Gravity: 2,5 – 5,0 (water=1)

Gold:

Appearance: Solid Metal

Color: Gold / Yellow

Odor: Odorless

Solubility in Water: Insoluble

Melting Point: >1000 °C

Boiling Point: >1500 °C

Flash Point: N/A

Vapor Density: N/A

Specific Gravity: 19,28

X – Stability and Reactivity

Stability:

Unstable () Stable (X)

Conditions to Avoid: N/A

Incompatibility:

Material to Avoid: N/A

Hazardous Decomposition Products:

None

Hazardous Polymerization:

May Occur () Will Not Occur (X)

Conditions to Avoid: N/A

XI – Toxicological Information

This material is not hazardous in normal storage and handling.

XII – Ecological Information

Environmental: No special precautions.
No ecological effects are known.

XIII – Disposal Considerations

Landfill in accordance with all applicable Federal, State, and Local Regulations.

XIV – Transportation Information

Technical Shipping Name: Not regulated
Freight Class Bulk: N/A
Freight Class Package: N/A
Product Label: N/A
Hazard Class or Division: Non-Hazardous
Hazard Class Division Number: Not Hazardous by D.O.T. Regulations

XV – Regulatory Information

These products are manufactured using Good Manufacturing Practices and are regulated as Class I Medical Devices by the U.S. Food and Drug Administration, Class II by the Canada CMDR, and Class IIa by the Medical Device Directive 93/42 EEC for the European Community.

XVI – Other Information

Note: While the information and recommendations set forth on this data sheet are believed to be accurate as received from our suppliers, RMO, Inc. makes no warranty with respect thereto and disclaims all liability from reliance thereon.

