



Metal Slot for Ceramic and Composite

1 – IDENTIFICATION

PRODUCT NAME: Silver

CHEMICAL FAMILY: Silver

CHEMICAL NAME:

FORMULA:

COMPANY NAME:

Orthodontic Design and Production

1370 Decision Street, Suite D

Vista, CA 92081 (760) 734-3995

2 – HAZARDOUS INGREDIENTS

Silver (89-95%)

Copper (5-11%)

Rhodium (<2%)

HAZARDOUS COMPONENTS: none

3 – HEALTH AND HAZARD DATA

SKIN: no hazards

EYES: may cause mechanical discomfort

INHALATION: no hazards

4 – PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE: Metal

PHYSICAL FORM: Solid

COLOR: Silver Grey

ODOR: no odor

SOLUBILITY IN WATER: insoluble

SPECIFIC GRAVITY: 10.37 (H₂O=1.00)

VAPOR DENSITY: n/a

MELTING POINT: 900 degrees Celsius

BOILING POINT: > 1200 degrees Celsius

5 – FIRE AND EXPLOSION HAZARD DATA

FLASH POINT: n/a

EXTINGUISHING MEDIA: none

SPECIAL FIRE FIGHTING PROCEDURES: none

FIRE AND EXPLOSION HAZARD: none

6 – REACTIVITY DATA

STABILITY: stable

CONDITIONS TO AVOID: none

HAZARDOUS POLYMERIZATION: will not polymerize

DECOMPOSITION PRODUCTS: none

MATERIAL SAFETY DATA SHEET

7 – EMERGENCY/ FIRST AID MEASURES

EYES: n/a

SKIN: n/a

INHALATION: n/a

INGESTION: n/a

8 – HANDLING AND STORAGE

STORAGE TEMPERATURE (min/max): store at normal room temperature

SHELF LIFE: none

SPECIAL SENSITIVITY: n/a

HANDLING/STORAGE PRECAUTIONS: Keep away from flame or excessive heat

9 – SPECIAL PROTECTION

SKIN: none required

RESPIRATORY: none required

VENTILATION: Adequate ventilation practice

EYES: Use of eye protection during processing is recommended

10 – SPILL OR LEAK PROCEDURES

Sweep up to avoid slipping hazards

ENVIRONMENTAL PRECAUTIONS: none

11 – DISPOSAL INFORMATION

Landfill in accordance with all applicable federal, state, and local regulations.

12 – REGULATORY INFORMATION

Not applicable

13 – DISCLAIMER OF WARRANTIES

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Note: This MSDS was prepared in accordance with the requirements of the OSHA Hazard Communication Standard (29 CFR 1910.1200) and is to be used only for this product. The information contained in this MSDS is, to the best of our knowledge, believed to be accurate.
CONTACT CHEMTREC (800) 424-3900 IN CASE OF EMERGENCY