



MATERIAL SAFETY DATA SHEET

METAL SLOT FOR AESTHETIC ORTHODONTIC BRACKETS

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1-IDENTIFICATION

Silver for Sliding Guides

Flash Point: N/A
Vapor Density: N/A
Specific Gravity: 10.37

2-CHEMICAL INFORMATION / HAZARDOUS INGREDIENTS

Chemical Family: Silver
Ingredients: Silver 890-950/000.
Copper: 50-110/000
Rhodium: <2000
Hazardous Components: None

10-STABILITY AND REACTIVITY

Stability: Stable
Conditions to Avoid: None
Hazard Polymerization: Will not polymerize.
Decomposition Products: None

3-HEALTH HAZARD DATA

Skin: No hazards.
Eyes: May cause mechanical discomfort.
Inhalation: No hazards.

11-TOXICOLOGICAL INFORMATION

N/A

4-FIRST AID PROCEDURE

After Eye Contact: None
After Skin Contact: None
After Inhalation: None
After Ingestion: None

12-ECOLOGICAL INFORMATION

No ecological effects are known.

5-FIRE AND EXPLOSION HAZARD DATA

Extinguishing Media: None
Fire and Explosion Hazard: None
Special Fire Fighting Procedures: None

13-DISPOSAL INFORMATION

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

6-SPILL OR LEAK PROCEDURE

Sweep up to avoid slipping hazards.
Environmental Precautions: None

14-NOTES ON TRANSPORT

Not dangerous according to current transportation regulations.

7-HANDLING AND STORAGE

Store at room temperature
Shelf Life: N/A

15-REGULATIONS

Identification according to EC-Directive. No obligatory indication. No obligatory information according to the ChemG BGBI.Nr. 53/1997 (Austria).

8-EXPOSURE CONTROLS AND PERSONAL PROTECTION

Respiratory Protection: Not required.
Skin Protection: Not required.
Eye Protection: Use of eye protection during processing is recommended in accordance with accepted industry safety procedures.

16-MISCELLANEOUS

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9-PHYSICAL AND CHEMICAL DATA

Appearance: Metal
Color: Silver gray
Odor: No odor
Solubility in Water: Insoluble
Melting Point: 900°C
Boiling Point: >1200°C