

SAFETY DATA SHEET



Date Issued: 05/11/2009
MSDS No: 271-001.1

Metal Slot

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

PRODUCT NAME: Metal Slot
GENERAL USE: Orthodontic archwire
PRODUCT DESCRIPTION: Silver Alloy Wire

MANUFACTURER

Opal® Orthodontics
505 W 10200 S
South Jordan UT 84095
Product Stewardship: 888-863-5883

24 HR. EMERGENCY TELEPHONE NUMBERS

CHEMTREC (NORTH AMERICA) :(800) 424 - 9300
(INTERNATIONAL) :+1(703) 527 - 3887

2. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Name	CAS	EINECS	Content
Silver	007440-22-4	--	80 - 95
Copper	007440-50-8	231-159-6	5 - 20

3. HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW

IMMEDIATE CONCERNS: None known.

POTENTIAL HEALTH EFFECTS

EYES: None

SKIN: None

INHALATION: None

4. FIRST AID MEASURES

EYES: None

SKIN: None

5. FIRE FIGHTING MEASURES

FIRE FIGHTING PROCEDURES: None

6. ACCIDENTAL RELEASE MEASURES

SMALL SPILL: Vacuum or sweep up material and place in a disposal container.

LARGE SPILL: Shovel or vacuum spill and place in a container for disposal.

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7. HANDLING AND STORAGE

STORAGE: Room Temperature

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

PERSONAL PROTECTIVE EQUIPMENT

EYES AND FACE: Wear eye protection.

SKIN: S36/37: Wear suitable protective clothing and gloves.

RESPIRATORY: Not required

9. PHYSICAL AND CHEMICAL PROPERTIES

FLASHPOINT AND METHOD: Not Applicable

PHYSICAL STATE: Solid metal/metal alloy.

ODOR: Odorless or no characteristic odor

COLOR: silver grey

BOILING POINT: >1200 deg. C

MELTING POINT: 900 deg. C

SPECIFIC GRAVITY: 10.370

10. STABILITY AND REACTIVITY

STABLE: Yes

HAZARDOUS POLYMERIZATION: No

CONDITIONS TO AVOID: None

11. TOXICOLOGICAL INFORMATION

EYE EFFECTS: None

SKIN EFFECTS: None

12. ECOLOGICAL INFORMATION

ENVIRONMENTAL DATA: No data available. Contact Env. Dept.

13. DISPOSAL CONSIDERATIONS

DISPOSAL METHOD: Dispose of in compliance with governmental regulation (EC 1975L0442-20/11/2003)

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14. TRANSPORT INFORMATION

ROAD AND RAIL (ADR/RID)

HAZARD CLASS: Not classified

AIR (ICAO/IATA)

PRIMARY HAZARD CLASS/DIVISION: Not classified

VESSEL (IMO/IMDG)

PRIMARY HAZARD CLASS/DIVISION: Not classified

15. REGULATORY INFORMATION

16. OTHER INFORMATION

PREPARED BY: Susan Scott

REVISION SUMMARY: New MSDS

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