

SAFETY DATA SHEET

opal ORTHODONTICS

Date Issued: 04/11/2008

MSDS No: 211-01.1

Bracket Material 17-4 SST

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

PRODUCT NAME: Bracket Material 17-4 SST

PRODUCT DESCRIPTION: Bracket Material

CHEMICAL FAMILY: Metal

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	Classification	Content
Iron	001309-37-1	231-096-4		75
Chromium	007440-47-3	231-157-5		16.2
Nickel Metal	007440-02-0	231-111-4	Xn; R40, R43	4
Copper	007440-50-8	231-159-6		2

(Full text of R-Phrases can be found under heading 16)

3. HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW

IMMEDIATE CONCERNS: None Expected.

4. FIRST AID MEASURES

EYES: Not Applicable

SKIN: Not Applicable

INHALATION: Not Applicable

5. FIRE FIGHTING MEASURES

FIRE FIGHTING PROCEDURES: Not Applicable

6. ACCIDENTAL RELEASE MEASURES

SMALL SPILL: Not Applicable

LARGE SPILL: Not Applicable

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7. HANDLING AND STORAGE

GENERAL PROCEDURES: Non-combustible.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

ENGINEERING CONTROLS: If user operations generate dust, fume or mist, use ventilation to keep exposure to airborne contaminants below the exposure limit.

PERSONAL PROTECTIVE EQUIPMENT

EYES AND FACE: Wear eye protection.

RESPIRATORY: S38: In case of insufficient ventilation, wear suitable respiratory equipment.

COMMENTS: Allergy Statement for Nickel: Warning This product contains nickel. A small percentage of the population is known to be allergic to nickel. If an allergic reaction occurs, direct the patient to consult a physician.

9. PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL STATE: Metal

ODOR: None.

COLOR: Metallic grey

10. STABILITY AND REACTIVITY

STABILITY: Stable.

11. TOXICOLOGICAL INFORMATION

CARCINOGENICITY

Notes: This product may contain the following chemicals which are subject to the reporting requirements of Section 313 of the Emergency Planning and Community Right to Know Act of 1986 and of 40 CFR 372: Aluminum, Manganese, Chromium, Nickel, Cobalt, Vanadium, Copper

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)

14. TRANSPORT INFORMATION

ROAD AND RAIL (ADR/RID)

HAZARD CLASS: Not classified

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AIR (ICAO/IATA)

PRIMARY HAZARD CLASS/DIVISION: Not classified

VESSEL (IMO/IMDG)

PRIMARY HAZARD CLASS/DIVISION: Not classified

15. REGULATORY INFORMATION

16. OTHER INFORMATION

RELEVANT R-PHRASES:

R40: Possible risks of irreversible effects.

R43: May cause sensitization by skin contact.

PREPARED BY: Iris McCallister

REVISION SUMMARY: New MSDS

MANUFACTURER DISCLAIMER: FOR ORTHO USE ONLY: Use as directed. The information and recommendations are taken from sources (raw material MSDS(s) and manufacturer's knowledge) believed to be accurate; however, Opal™ Orthodontics makes no warranty with respect to the accuracy of the information or the suitability of the recommendation and assumes no liability to any user thereof. Each user should review these recommendations in the specific context of the intended use and determine whether they are appropriate.