

# SAFETY DATA SHEET

opal ORTHODONTICS

Date Issued: 07/31/2008

MSDS No: 240-001.1

## Beta Titanium

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

**PRODUCT NAME:** Beta Titanium

**PRODUCT DESCRIPTION:** Wireforms

**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
Titanium	007440-32-6	231-142-3	70 - 80
Zirconium Compounds	007440-67-7	--	5 - 10
Tin	007440-31-5	--	4 - 8
Molybdeum	007439-98-7	231-107-2	10 - 20

### 3. HAZARDS IDENTIFICATION

**HAZARD DESIGNATION**

"Xi" - Irritant

**POTENTIAL HEALTH EFFECTS**

**SKIN:** Causes skin irritation.

**INGESTION:** IF SWALLOWED DO NOT INDUCE VOMITING - SEEK MEDICAL ADVICE. Immediately rinse mouth and provide fresh air.

**INHALATION:** Move to fresh air, if inhaled.

### 4. FIRST AID MEASURES

**EYES:** Check for and remove any contact lenses. In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Get medical attention if irritation occurs.

**SKIN:** Remove contaminated clothing. Wash with soap and water. Get medical attention.

**INGESTION:** If swallowed, DO NOT INDUCE VOMITING -SEEK MEDICAL ADVICE.

**INHALATION:** Remove to fresh air. If not breathing, give artificial respiration or give oxygen by trained personnel. Seek immediate medical attention.

### 5. FIRE FIGHTING MEASURES

**EXTINGUISHING MEDIA:** DON'T USE WATER OR CO2 EXTINGUISHER. Use Sodium chloride, sand, dolomite, and graphite to extinguish flames.

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**FIRE FIGHTING PROCEDURES:** General: Evacuate all personnel; use protective equipment for fire-fighting. Use self-contained breathing apparatus when the product is involved in fire.

**FIRE FIGHTING EQUIPMENT:** Sand, dolomite, graphite, or sodium chloride.

### 6. ACCIDENTAL RELEASE MEASURES

**SMALL SPILL:** Clean up spills immediately, observing precautions in Protective Equipment section.

### 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.

### 9. PHYSICAL AND CHEMICAL PROPERTIES

**PHYSICAL STATE:** Solid

**ODOR:** No characteristic odor

**COLOR:** Dark Gray.

### 10. STABILITY AND REACTIVITY

**STABLE:** Yes

### 11. TOXICOLOGICAL INFORMATION

**EYE EFFECTS:** May cause mild irritation.

**SKIN EFFECTS:** May cause slight irritation.

### 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

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### ROAD AND RAIL (ADR/RID)

LABEL: Not classified

### AIR (ICAO/IATA)

LABEL: Not classified

### VESSEL (IMO/IMDG)

LABEL: Not classified

## 15. REGULATORY INFORMATION

### EUROPEAN COMMUNITY

#### EEC LABEL SYMBOL AND CLASSIFICATION



"Xi" - Irritant  
R38: Irritating to skin.

## 16. OTHER INFORMATION

**PREPARED BY:** Tana Shepherd

**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.