

COMPANY INFORMATION

COMPANY NAME: ORTHO SPECIALTIES
COMPANY ADDRESS: 3820 OHIO AVE - SUITE 15
 ST. CHARLES, IL 60174
COMPANY PHONE: 630-443-0225
COMPANY FAX: 630-443-0224
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FIXED LINGUAL CONTROLLED ARCH

DOCUMENT NUMBER: SDS84
REVISION DATE: 09/26/2014
REVISION: REV. E
NUMBER OF PAGES: 2

1. IDENTIFICATION OF THE SUBSTANCE/DEVICE

Product Name: Fixed Lingual Controlled Arch

2. COMPOSITION, INFORMATION ON INGREDIENTS

Ingredient	%
Iron	60-78
Chromium	13-25
Silicon	0-2
Nickel	5-14
Manganese	0-4
Carbon	Trace - Trace
Niobium / Tantalum	Trace - Trace

3. HAZARDS IDENTIFICATION

While the following effects are associated with one or more of the individual ingredients in the product are required to be included on the MSDS by the US OSHA hazard communication standard, they are not expected effects during the foreseeable use of the product.

Allergic Skin Reaction: Signs, symptoms can include redness, swelling, blistering and itching.
Inhalation: Health effects from inhalation are not expected unless the product is heated.
Eye Contact: Eye contact is not expected to occur during normal use of the product.
Ingestion: Ingestion is not a likely route of exposure to this product.
Cancer: Chromium, nickel and their compounds are listed in the current annual report on carcinogens (prepared by the National Toxicology Program). Their presence in this alloy is not believed to present a carcinogenic or other health hazard due to their relatively low concentration and/or chemical form.

4. FIRST AID MEASURES

Eye contact, Skin Contact, Inhalation, Ingestion: No need of first aid anticipated in these events.

5. FIRE FIGHTING MEASURES

Flash Point: N/A
Autoignition Temperature: N/A
Flammable Limits: N/A
Extinguishing Media: Non-combustible. Choose material suitable for the surrounding fire.

6. ACCIDENTAL RELEASE MEASURES

Personal Precaution: N/A
Environmental Precaution: Keep away from drains.

7. HANDLING AND STORAGE

Handling: N/A
Storage: Store away from acids.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

N/A

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9. PHYSICAL CHEMICAL PROPERTIES

Boiling Point: N/A
Vapor Pressure: N/A
% Volatile: N/A
pH: N/A
Solubility In Water: Insoluble
Evaporation Rate: N/A
Viscosity: N/A
Specific Gravity: 7.5 - 8.5
Melting Point: 2400 - 2800°F

Appearance and Color: Small metallic wires with sharp corners and edges.

10. STABILITY AND REACTIVITY

Stability: Stable.
Materials To Avoid: Strong Acids.
Hazardous Polymerization: Will not occur.

Products are solid metal shaped as bar, rod, or wire.

Products are nonflammable: However welding arcs and sparks can ignite flammable liquids and vapors and combustible solids.

11. TOXICOLOGICAL INFORMATION

See Section 3. (Hazards Information)

12. ECOLOGICAL INFORMATION

Do not release in waterways or sewer. Metallic ions may release due to persistent contact with aqueous media.

13. DISPOSAL CONSIDERATIONS

Do not release in waterways or sewer. Reclaim if possible.

14. TRANSPORT INFORMATION

No special precautions are needed.

15. REGULATORY INFORMATION

This product is:
Class IIa under Council Directive 93/42/EEC,
Class II under CMDR P.C. 1998-783 7 May 1998 and
Class ii under 21 CFR 872.5410.

This MSDS has been compiled based on the requirements of European Community Council Directive 91/155/EEC , and OSHA'S Hazard Communication Standard, 29 CFR 1910.1200

16. OTHER INFORMATION

The information herein is given in good faith, but no warranty, express or implied, is made.