

MATERIAL SAFETY DATA SHEET

1 - PRODUCT AND COMPANY IDENTIFICATION

Company Name:

DENTAL DEVICES AND SUPPLIES LTD.
15 GREAT CENTRAL ROAD
LOUGHBOROUGH
LEICS LE11 1RW
UNITED KINGDOM

Emergency Phone: +44 (0)1509-220490

Information Phone: +44 (0)1509-220490

Product Name: Beta3 Titanium Alloy Dental Wires

Composition:

Common Name	Nominal Composition	CAS Number
Titanium (Ti)	Balance	7440-32-6
Molybdenum (Mo)	11.5 %	7439-98-7
Zirconium (Zr)	6.0 %	7440-67-7
Tin (Sn)	4.5 %	7440-31-5

2 - HAZARDOUS COMPONENTS

Ingredients Considered Hazardous

No known hazardous ingredients.

3 - PHYSICAL CHARACTERISTICS

Boiling Point	>2000°C
Specific Gravity	5.06
Solubility in Water	Insoluble
Vapour Pressure	0 at 100°C
Appearance	Silver-gray metal
Odour	Odourless

4 - FIRE AND EXPLOSION HAZARD DATA

Extinguishing Media	N/A
Unusual Fire & Explosion Hazards	N/A
Special Fire Fighting Procedures	N/A

5 - REACTIVITY DATA

Reactivity	Stable
Incompatible Materials	None

Revision C

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Hazardous Decomposition Products	None
Hazardous Polymerization	Will Not Occur.

6 – HEALTH HAZAED DATA

Acute Hazards	None known
Chronic Hazards	None known
Signs & Symptoms of Overexposure	None known

Routes of Entry:	Symptom:	Emergency / First Aid Procedures:
Eye Contact	N/A	N/A
Skin Contact	N/A	N/A
Inhalation	N/A	N/A
Ingestion	N/A	N/A

7 – SPECIAL PROTECTION INFORMATION

Ventilation	General
Respiratory Protection	N/A
Protective Gloves	N/A
Eye Protection	N/A
Work / Hygienic Practices	Follow standard laboratory safety practices

8 – SAFE HANDLING MEASURES

Precautions In Case Of Spill	N/A
Waste Disposal Method	Dispose of in accordance with local & national regulations
Handling & Storage Precautions	None

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