

MATERIAL SAFETY DATA SHEET

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1. Chemical Product Identification

Productname: Nickel Titanium arch wire and springs
Productcode: -

2. Composition / Information on Ingredients

Product contents: Nickel
Hazardous Ingredients: Nickel titanium alloy

3. Hazards Identification

Name of Hazard possible allergic reaction against material components
Environmental hazards -

4. First Aid Measures

First aid for inhalation: Seek medical attention.
First aid for skin: Wash thoroughly with soap and water.
First aid for eyes: Flush with copious amounts of water. Seek medical attention if necessary.
First aid for ingestion: Seek medical attention.

5. Fire Fighting Measures

Suitable extinguishing media: n.A.
Extinguishing media which should not used: n.A.
Special exposure hazards from combustion products: n.A.
Special protective equipment for fire-fighters: n.A.

6. Accidental Release Measures

Personal precautions: n.A.
Environmental precautions: n.A.
Methods for cleaning up: Mechanical sweep up

7. Handling and Storage

Handling precautions: n.A.
Safe storage conditions: n.A.
Handling/storage precautions: n.A.
Other restrictions or recommendations: Inhalation: breathing dust or fumes may cause respiratory irritation or pneumonitis. Several nickel compounds, including nickel oxide, are suspected lung and nasal carcinogens.

8. Personal protection

Respiratory protection: mechanical
Ventilation requirements: mechanical
Protective clothing: not required
Unusual work/Hygienic practices: Follow standard laboratory safety practices.

9. Physical and chemical properties

Appearance:	-
Odor :	-
ph: (20°C)	-
Boiling point/range:	n.A.
Melting point/range:	n.A.
Auto-ignition temperature:	n.A.
Flash point:	n.A.
Flammability:	n.A.
Explosive limits in air:	n.A.
Oxidizing properties:	-
Vapor pressure:	-
Vapor density: (Air =1)	n.A.
Specific gravity: (H20=1):	6,5
Solubility in water:	insolubility
Reactivity in water:	n.A.
Other data:	n.A.

10. Stability and Reactivity

Stability:	-
Hazardous polymerization:	n.A.
Incompatibilities:	n.A.
Instability conditions:	n.A.
Hazardous decomposition	n.A.
Products:	n.A.
Conditions to avoid:	n.A.

11. Toxicological information

Potential acute health effects:	May cause irritation of the mouth and throat.
Potential chronic health effects:	May cause allergic reaction in contact to skin.
Signs and Symptoms of exposure:	-
Other potential effects:	-

12. Ecological information

n.A.

13. Disposal considerations

Waste disposal method: Dispose of in accordance with EPA regulations.

14. Transportation information

UN classification:	n.A.
Identification:	n.A.
Special provisions for transport:	n.A.

15. Regulatory information:

EU medical device directive: 93/42 EEC

16. Other information

The information contained in the MSDS is believed to be valid and accurate.

Forestadent, however, makes no warranty, either expressed or implied, as to the completeness of information in all possible conditions. Reasonable safety precautions must always be observed.

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