



Safety Data Sheet

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Issue Date: 02-12-2019

Version Data 6.00

Product Description

NiTi, Heat activated NiTi, NiTi Coils, NiTi Springs.

REF NUMBER

Restrictions to use:

For use only by dental professionals.

Manufacturer : International Orthodontic Services
Address : 12811 Capricorn St. Stafford, TX 77477 USA
Phone No, : 1888-10S-8882 (1888-461-8882)
Emergency Phone No, : +1 832 342 9487

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Hazards Identification

GHS Classification:

Human Health Hazard	Not considered hazardous in the form shipped. Does not include dust, fume or dissolved metals.
Environmental Hazard	Not considered hazardous in the form shipped. Does not include dust, fume or dissolved metals.
Physical Hazard	Not considered hazardous in the form shipped. Does not include dust, fume or dissolved metals.

GHS Label

Signal Word

Hazard Statement

Not considered hazardous in the form shipped. Does not include dust, fume or dissolved metals if/when processed.

Precautionary Statements:

Processes causing the release of dust and fume can be irritating or harmful to lungs, skin and/or eyes upon contact

Composition / Information on ingredients

Ingredients	CASNo	Average Percent	Hazardous
Nickel		54.5 to 57.0	
Carbon		0.050	
Cobalt		0.050	
Copper		0.010	
Chromium		0.010	
Hydrogen		0.005	
Iron		0.050	
Niobium		0.025	
Nitrogen plus Oxygen		0.050	
Titanium		Balance	

First Aid Measures

As shipped, the metal is an article with minimal likelihood for hazardous consequences through inhalation, ingestion, skin or eye contact.

INHALATION: Remove person from exposure to fresh air . Get prompt medical attention if breathing difficulty continues.

SKIN CONTACT: Wash skin with soap and water. Seek medical attention if rash develops.

EYE CONTACT: Flush eye with plenty of water for 15 minutes and seek medical attention if irritation persists.

INGESTION: Seek medical attention.

Fire Fighting Measures

As shipped, the metal is not combustible and no hazardous decomposition products are expected.

Accidental Release

As shipped, the metal does not pose a hazard to the environment and is not subject to special measures for collecting and preventing release.

Handling and Storage

Store away from acids and oxidizers.

Exposure Controls/Personal Protection

As shipped, the metal does not trigger exposure control requirements although leather gloves are recommended when handling metal.

Additional exposure controls and personal protection are dependent on process operation involved. Use of local exhaust ventilation is recommended to control emissions near the source of metal being cut, ground, welded or melted. Additional engineering controls and/or personal protection equipment such as a NIOSH approved respirator could be required if industrial hygiene monitoring reveal a chemical overexposure during processing.

Physical and Chemical Properties

Physical State: Solid
Appearance: Gray in color
Odor: Odorless

NITI ALLOY

Specific Gravity:	7.5-8.5
Solubility in Water:	Insoluble
pH:	Not applicable
Evaporation Rate:	Not applicable
Boiling Point:	Not applicable
Melting Point:	2400-2800 degrees F
Flashpoint and Method:	Not applicable Flammability
Limits:	Not applicable
Auto Ignition Temperature:	Not available. Vapor
Pressure:	Not applicable
Viscosity:	Not applicable