



TALLADIUM, INC.
SAFETY DATA SHEET
27360 W. Muirfield Lane, Valencia • California 91355
(661) 295-0900 • (800) 221-6449

Section 1 - Product and Company Identification

Date of SDS: 04/15/2008

Review Date: 04/14/2015

Product Identification: Hi-Tech Pre-Solder and Talladium Laser Wire

Product Class/Use: For brazing dental alloy

Company Name: Talladium, Incorporated

Company Address: 27360 West Muirfield Lane
Valencia, California 91355
United States of America

General Information Telephone: (661)-295-0900

Emergency Telephone: Not required by regulations.

Section 2 - Composition/Information on Ingredients

SUBSTANCE	C.A.S	% Range by Weight	OSHA PEL (mg/m ³)	ACGIH TLV (mg/m ³)
Nickel	7740-02-0	78%	1.0	1.0
Chromium	7440-47-3	18%	0.1	0.5
Trace Elements			N/E	N/E

Section 3 - Hazards Identification, Including Emergency Overview

Inhalation: None known

Skin: None known

Eyes: None known

Ingestion: None known

Section 4 - First Aid Measures

Inhalation: If irritation to the respiratory system or difficulty of breathing occurs, remove to fresh air.

Eyes: If contact occurs, flush eyes immediately with water for 15 minutes. If irritation develops, seek medical attention.

Skin: If contact occurs, wash with soap and water then rinse. If irritation occurs seek medical attention.

Ingestion: Seek medical attention.

Section 5 - Fire Fighting Measures

Extinguishing Media: Not combustible

Auto-ignition Temperature: Not determined

OSHA Flammability Classification: None

Explosive Lower Limit(s): Not determined

Flash Point/ Method: Not determined

Explosive Upper Limit(s): Not determined

Section 6 - Accidental Release Measures

Spill Release Procedures:

Collect material and place in disposal container. Follow relevant local, state, provincial and federal laws and regulations. Avoid contamination of ground water and soil.



TALLADIUM, INC. SAFETY DATA SHEET

Section 7 - Handling and Storage

Handling and Storage Precautions:

Use with adequate ventilation. Minimize dust generation and accumulation. Avoid breathing vapors from heated material. Store in dry area.

Section 8 - Exposure Controls & Personal Protection

Ventilation: Use adequate ventilation to maintain exposure levels below applicable limits.

Respiratory Protection: Use appropriate NIOSH-approved respiratory protective equipment.

Eye Protection: Wear safety glasses with side shields.

Skin Protection: Rubber gloves may be desirable for specific work situations.

Other Protective Equipment: A safety eye wash fountain should be readily available.

Section 9 - Physical & Chemical Properties

Boiling Point: Not available

Appearance: Solid

Melting Point: 1200° - 2150°F

Odor: Odorless

Specific Gravity: 7.7

Solubility in Water: N/A

Section 10 - Stability & Reactivity Data

Stability: Stable under normal storage conditions.

Hazardous Polymerization: Will not occur under normal conditions.

Conditions to Avoid: None in applicable use.

Incompatibility with Other Materials: Acids

Hazardous Decomposition Products: No known hazardous decomposition products.

Section 11 - Toxicological Information

Toxicological Information: None available

Section 12 - Ecological Information

Ecological Information: Considered chemically inert in the environment.

Section 13 - Disposal Considerations

Waste Disposal Methods: Follow all federal, state, and local regulations.

Section 14 - Transport Information

U.S. DOT Information: Not regulated.



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Section 15 - Regulatory Information

Federal Regulatory Information:

OSHA: This product does contain hazardous material as defined in Section 3. Standard 29 CFR 1910.132.

EPA: This product is not defined as hazardous waste per 40 CRF 261.

Superfund Amendments and Reauthorization Act of 1986 (SARA) Title III

Section 313: This product contains components subject to reporting requirements.

State Regulatory Information:

Canada: This product is listed on the DSL.

California: Proposition 65: This product contains substances known to the State of California to cause cancer.

Section 16 - Other Information

The information and recommendations above are believed to be accurate and represent the best information currently available to us. The person receiving the above material should make their own determination as to the suitability for their use. Talladium makes no warranty expressed or implied with respect to this information and assumes no liability resulting from its use.