



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

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**Section 1 - Product and Company Identification**

**Issue Date:** 10/01/1989

**Review Date:** 09/17/2015

**Revision Date:** 01/31/2011

**Product Identification:** Hi-Spot Indicator Blue, Red and Yellow

**Product Class/Use:** Dental Indicator

**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.

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**Section 2 - Composition/Information on Ingredients**

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SUBSTANCE	C.A.S.	% Mixtures	OSHA PEL (mg/m <sup>3</sup> )	ACGIH TLV (mg/m <sup>3</sup> )
Pigment Blue 29	57455-37-5	5 – 15%	N/A	N/A
Red Iron Oxide	1309-37-1	5 – 15%	N/A	N/A
Pigment Yellow 42	51274-00-1	5 – 15%	N/A	N/A
Isopropyl Alcohol	67-63-0	75 – 98%	0.04	0.04

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**Section 3 - Hazards Identification, Including Emergency Overview**

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**Hazard classification:** Not Classified

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**Section 4 - First Aid Measures**

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**Inhalation:** Remove to fresh air. If breathing is difficult seek medical attention.

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

**Skin:** If contact occurs, wash off skin thoroughly with soap and water and rinse thoroughly. If irritation develops seek medical attention.

**Ingestion:** Do not induce vomiting unless directed by medical personnel. Rinse mouth out thoroughly with water. If the material has been swallowed give small quantities of water to drink. If the person is unconscious do not give them water. Seek medical attention.

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**Section 5 - Fire Fighting Measures**

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**Extinguishing Media:** Use dry chemical, carbon dioxide or chemical foam. The product is not flammable.

**Flammability:** No uniform fire code noted

**Equipment:** Wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.



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## Section 6 - Accidental Release Measures

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### Spill Release Procedures:

If dust is generated, use appropriate respiratory protection. Vacuum or sweep up material and place in a disposal container. Avoid generation and spreading of dust. Large Spillages: Wear suitable protective equipment, including gloves, goggles/face shield, respirator, boots, clothing or apron, as appropriate. Collect and place in suitable waste disposal containers and seal securely. Flush contaminated area with plenty of water. Avoid runoff into storm sewers and ditches which lead to waterways. Dispose in accordance with Local, State and Federal regulations.

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## Section 7 - Handling and Storage

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**Handling:** Avoid inhalation of dust and contact with skin and eyes. Wash thoroughly after handling.

**Storage:** Store in original sealed container a cool, dry area away from food, beverage, excessive heat, sources of flame and substances subject to catalytic decomposition by dust, e.g. peroxides.

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## Section 8 - Exposure Controls & Personal Protection

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Although no exposure limit has been established by OSHA for this product, the limit for nuisance particulates should be flowed: OSHA 8-hr TWA 10 mg/m<sup>3</sup> Total Dust 5 mg/m<sup>3</sup> Respirable dust. ACGIH TLV-TWA 10 mg/m<sup>3</sup> Total dust or 5 mg/m<sup>3</sup> Respirable dust.

**Respiratory Protection:** Use a NIOSH approved mask

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## Section 9 - Physical & Chemical Properties

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**Melting Point:** > 1000°C / 1832°F

**Appearance:** Powder

**Solubility:** Insoluble in water

**Odor:** Odorless

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## Section 10 - Stability & Reactivity Data

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**Stability:** Stable

**Incompatibility:** Substances subject to catalytic decomposition caused by dust such as peroxides. Further avoid contact with aluminum dust, calcium hypochlorite, hydrazine, ethylene oxide, caesium carbide.

**Conditions to Avoid:** Avoid heat. Keep away from open flames, sparks and all heat sources.

**Hazardous Decomposition Products:** N/A

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## Section 11 - Toxicological Information

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**Toxicological effects:** No specific toxicity tests have been carried out on this product.

**Inhalation:** Frequent inhalation of dust over a long period of time increases the risk of developing lung diseases.

**Ingestion:** No harmful effects expected from quantities likely to be ingested by accident.

**Skin:** Substance may cause slight skin irritation.

**Eye:** May cause slight irritation.



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**Section 12 - Ecological Information**

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**Ecological effects:** The product is not expected to be hazardous to the environment.

**Degradability:** Not readily biodegradable

**Bio-Accumulative Potential:** Bio-accumulative is unlikely to be significant because of the low water-solubility of this product.

**Mobility in soil:** The product is insoluble in water

**Adverse effects:** None known

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**Section 13 - Disposal Considerations**

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**Waste Disposal Methods:** Place in closed container. Follow all federal, state, and local regulations.

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**Section 14 - Transport Information**

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**General:** The product is not covered by international regulations on the transport of dangerous goods.

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**Section 15 - Regulatory Information**

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**US Federal Regulations:**

**SARA 302 & 313, CERCLA, EPA, and CAA:** None of the ingredients are listed or exempt.

**US State Regulations:**

**California Prop 65 Warning:** This product contains chemicals known to the state of California to cause cancer (C) and birth defects or other reproductive (R) harm.

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**Section 16 - Other Information**

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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.