



**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**

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**Date of SDS:** 02/23/2011

Review Date: 04/21/2016

**Product Identification:** Quick Spot Indicating Spray / Green & Red

**Product Synonym:** Dental Aerosol Indicator Spray

**Product Class/Use:** Indicator for metal and porcelain

**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	% Range by Weight	OSHA PEL (mg/m <sup>3</sup> )	ACGIH TLV (mg/m <sup>3</sup> )
Isobutane	75-28-5	20 - 40	N/E	1000 ppm

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

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**Route of Entry:** Skin Contact, Ingestion, Eye Contact, Inhalation



**Emergency Overview:**

**Appearance:** Green or Red

**Odor:** None

**Danger:** Very flammable, keep away from heat and open flames

**Prevent:** Overexposure to vapor (Note: The small recommended quantities usage should not cause overexposure to the vapor)

**Potential Health Effects:**

**Inhalation:** May be harmful if inhaled. May irritate nose, throat and lungs. May cause dizziness and or nausea

**Eyes:** May cause irritation and direct contact can cause damage

**Ingestion:** Should not occur

**Skin:** Contact with skin may cause similar symptoms as frostbite

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**Section 4 - First Aid Measures**

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**Inhalation:** Move to fresh air

**Eyes:** If contact occurs, flush eyes immediately with ample water for 15 minutes.

If irritation develops, seek medical attention.

**Skin:** Remove contaminated clothing then wash effected area with soap and water.

**Ingestion:** If an accidental ingestion of a small amount does occur do not induce vomiting. The small amount is not expected to cause significant harm.



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### Section 5 - Fire Fighting Measures

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**Hazards:** Extremely flammable

**Extinguishing Media:** CO<sub>2</sub>, Foam, dry chemical or water spray

**Flash Point (°C) / Method:** -33°C (-29°F) / TCC

**Upper Flammable Limit (% by volume):** 9.5%

**Lower Flammable Limit (% by volume):** 1.8%

**Autoignition Temperature:** N/A

**Explosion Data – Sensitivity to impact:** Moderate

**Special Fire Fighting Procedures:** Confine fire to immediate area and cut off source or leak if possible. Wear self-contained breathing apparatus (pressure-demand, MSHA/NIOSH approved or equivalent) and full protective gear

**Unusual Fire and Explosion Hazards:** Material is considered extremely flammable. Contents under pressure, do not incinerate container. Temperature above 120°F (50°C) may cause container to explode. Avoid open flame.

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### Section 6 - Accidental Release Measures

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**Personal Precautions:** Use with adequate ventilation. Avoid open flame.

**Methods for cleaning up/collecting:** The product may be absorbed by using an absorbent material then dispose according to federal, state and local regulations.

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### Section 7 - Handling and Storage

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**Handling Procedure:** Avoid exposure to high temperatures. Keep away from oxidizing agents

**Storage Requirements:** Store in a cool, dry area away from all heat sources and flames. Avoid high temperatures that may cause container to explode. Use and store with adequate ventilation. Keep away from children.

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### Section 8 – Exposure Controls & Personal Protection

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**Respiratory Protection:** Proper Lab ventilation and use appropriate NIOSH approved respiratory protective equipment

**Eye Protection:** Wear safety glasses.

**Skin Protection:** Chemical resistant gloves are recommended when prolong skin contact occurs.

**Clothing:** A chemical resistant apron is recommended

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### Section 9 - Physical & Chemical Properties

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**Physical State:** Liquefied gas

**Appearance and Odor:** Green or Red odorless mist spray

**Vapor Pressure:** Aerosol 31 psig at 20°C (68°F)

**Specific Gravity (H<sub>2</sub>O = 1):** <1

**Vapor Density (Air = 1):** <1 at 20°C (68°F)

**Evaporation Rate (Butyl Acetate = 1):** N/E

**Boiling Point:** -11.7°C (10.9°F)

**pH:** N/E

**Solubility in Water:** Slightly soluble in water



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## Section 10 - Stability & Reactivity Data

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**Chemical Stability:** Stable under normal storage conditions.  
**Incompatibility with Other Materials:** Strong Oxidizers  
**Reactivity:** Avoid contact with sparks, open flame, heated surfaces and high temperatures.  
**Hazardous Decomposition or By-Products:** None known  
**Hazardous Polymerization:** Will not occur

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## Section 11 - Toxicological Information

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**LDSO information:** N/A  
**Chronic / Carcinogenicity:** Contains no known or suspected carcinogens, see section 1 for limitations of components

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## Section 12 - Ecological Information

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**Ecological Information:** The propellants used are ecologically safe propellants. They do not contain CFC's

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## Section 13 - Disposal Considerations

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**Waste Disposal Methods:** Empty aerosol cans before disposal. Dispose in accordance with federal, state, and local regulations.

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## Section 14 - Transport Information

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**U.S. DOT Information:** ORM-D, Consumer Commodity  
**IATA:** 2.1, UN1950, aerosols, flammable  
**IMDG:** UN1950, aerosols, Limited Quantities, 2.1

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## Section 15 - Regulatory Information

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**OSHA:** Considered hazardous under OSHA Hazard Communication  
**SARA 313:** Fire Hazard. Immediate and delayed health.  
**SARA 311/312:** Reportable Ingredients: None  
**WHMIS:** Controlled Product  
**California Prop 65:** Contains no known substances known to cause cancer, birth defects, other  
**TSCA:** All ingredients are listed in the TSCA inventory

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## Section 16 - Other Information

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**HMIS Hazard Rating:** 4-Sever; 3-Serious; 2-Moderate; 1-Minimum  
Health = 1  
Fire = 3  
Reactivity = 1

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