



**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: 06/01/1995 **Review Date:** 06/17/2014
Revision Date: 06/07/2006
Product Identification: Steele's Liquid Medium
Product Synonym: Liquid Medium
Product Class/Use: Mixing medium for dental porcelain stains and glazes
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)
Glycerine	56-81-5	90 - 100 %	N/A	N/A

This item is a Non-Hazardous Material.

Section 3 - Hazards Identification, Including Emergency Overview

No hazards have been reported or known.

Section 4 - First Aid Measures

Eyes: If contact occurs, flush eyes with ample cold water. If irritation develops, seek medical attention.
Skin: In case of contact, flush skin with ample water. If irritation develops, seek medical attention.
Inhalation: Remove to fresh air. If breathing difficulty develops, seek medical attention.
Ingestion: Do not induce vomiting. Rinse mouth with ample water and drink 2 - 4 cups of milk or water.
Seek medical attention immediately.

Section 5 - Fire Fighting Measures

Flash Point: 379°F (193°C)
Extinguishing Media: water mist, dry chemical, carbon dioxide, or appropriate foam
Special Fire Fighting Procedures: During a fire irritating and highly toxic gases may be generated by thermal decomposition at 554°F (290°C)
Unusual Fire & Explosion Hazards: Flammable in presence of heat.

Section 6 - Accidental Release Measures

Spill or Leak Procedures: Use an inert dry material to absorb the spill or dilute with water and mop up. Place waste in an appropriate waste disposal container.
Waste Disposal Method: No hazardous substances, dispose in accordance with Local, State and Federal regulations.

Section 7 - Handling and Storage

Handling: Keep away from heat.
Storage: Keep container tightly closed. Store in a cool well-ventilated area away from heat and direct sunlight.



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Section 8 - Exposure Controls & Personal Protection

Respiratory Protection: Use in a well ventilated room. Use a NIOSH approved mask when necessary.

Eye Protection: Use NIOSH approved safety glasses

Skin: Wear protective gloves

Protective Equipment: N/A

Section 9 - Physical & Chemical Properties

Boiling Point: 554°F (290°C)

Specific Gravity: 1.05

Melting Point: 20°F (-7°C)

Solubility: Miscible in water

Auto-ignition: 752°F (400°C)

Appearance: Clear liquid

Flash Point: 379°F (193°C)

Odor: Slight odor

Section 10 - Stability & Reactivity Data

Stability: Stable

Conditions of Instability: Incompatible materials, excess heat, exposure to moist air or water

Incompatibility: Reactive with oxidizing agents, reducing agents, acids, alkalis

Hazardous Decomposition Products: Carbon monoxide, irritating and toxic fumes and gases, carbon dioxide

Special Remarks on Reactivity: Keep container tightly closed. Incompatible with chloroformates, strong acids (nitric acid, hydrofluoric acid),

Polymerization: Will not occur

Section 11 - Toxicological Information

Skin: Prolonged skin contact is unlikely to result in absorption of harmful amounts. Repeated exposure may cause softening and cause flaking of the skin.

Eyes: Can cause temporary irritation

Inhalation: Non-hazardous when correctly used. Inhalation of mist or vapor may cause irritation to the respiratory tract

Ingestion: Very low toxicity. If a large amount is swallowed it may cause gastrointestinal tract irritation and may affect the central nervous system.

Section 12 - Ecological Information

Material is readily biodegradable. No negative effects are known.

Section 13 - Disposal Considerations

Waste Disposal Methods: Follow all Federal, State, and Local regulations.

Section 14 - SDS Transport Information

U.S. DOT Information: Non hazardous, not regulated.

Section 15 - Regulatory Information

According to available data, this material is not hazardous.

Section 16 - Other Information

The information and recommendations above are believed to be accurate and represent the best information currently available to us. Information prepared to meet U.S. OSHA Hazard Communication Standard, 29 CFR 1910.1200.

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.