



**TALLADIUM, INC.
SAFETY DATA SHEET**

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

Section 1 - Product and Company Identification

Issue Date: 09/07/2005

Review Date: 02/18/2015

Product Identification: PUMICE SUBSTITUTE

Product Synonym: Pumice

Product Class/Use: Polishing Compound

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

Ingredient Name	CAS Number	%	PEL & TLV
Cristobalite	14464-46-1	35%	0.05 mg/M ³ RESPIRABLE, CRISTOBALITE, OSHA
Quartz	14808-60-7	5%	0.1 mg/M ³ RESPIRABLE, QUARTZ, OSHA
Inert Material	N/A	60%	Non hazardous

Section 3 - Hazards Identification, Including Emergency Overview

---- Emergency Overview ----

Caution! This product contains crystalline silica, which is considered a hazard by inhalation. Inhalation of this product is known to cause silicosis, a non cancerous lung disease. Excessive exposure may aggravate pre-existing upper respiratory and lung disease such as bronchitis, emphysema and asthma.

Routes of Exposure/Potential Health Hazards: Inhalation, Dust contact with eyes.

Inhalation: Irritation and soreness in throat and nose.

Eyes: Temporary irritation or inflammation.

Skin: N/A

Ingestion: Not expected route of exposure. Non hazardous.

Section 4 - First Aid Measures

Inhalation: Remove to fresh air. Drink plenty of water to clear throat and blow nose to evacuate dust.

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

Skin: N/A

Ingestion: N/A



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Section 5 - Fire Fighting Measures

Extinguishing Media: N/A
OSHA Flammability Classification: None
Flash Point/ Method: Nonflammable
Auto-ignition Temperature: N/A
Explosive Lower Limit(s): N/A
Explosive Upper Limit(s): N/A

Section 6 - Accidental Release Measures

Spill Release Procedures:
Vacuum dust with equipment fitted with HEPA filters. Use a Dust suppressant such as water if necessary to sweep.

Section 7 - Handling and Storage

Handling and Storage Precautions:
Minimize dust generation and accumulation. Avoid breathing dust. Avoid contact with eyes. Keep container closed when not in use.

Section 8 - Exposure Controls & Personal Protection

Ventilation: Use sufficient natural or mechanical ventilation to control airborne exposure and keep below PEL.
Respiratory Protection: Use appropriate NIOSH-approved respiratory protective equipment.
Eye Protection: Wear safety glasses with side shields.
Skin Protection: Not normally required
Other Protective Equipment: An eye wash fountain should be readily available. It is recommended to insure proper respiratory protection.

Section 9 - Physical & Chemical Properties

Boiling Point: N/A
Melting Point: N/D
pH: 9 to 10
Vapor Pressure: N/A
Vapor Density: N/A
Specific Gravity: 2.3
Evaporation Rate: N/A
Solubility in Water: Negligible
Appearance: Fine white powder
Odor: Odorless

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: Hydrofluoric Acid



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Hazardous Decomposition Products: No known hazardous decomposition products.

Section 11 - Toxicological Information

Toxicological Information:

This product contains crystalline silica, which is considered a hazard by inhalation. Crystalline silica is also known to cause silicosis, a non cancerous lung disease.

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. Waste is not hazardous as defined by RCRA - 40 CFR 261.

Section 14 - Transport Information

U.S. DOT Information: Not regulated.

Section 15 - Regulatory Information

Federal Regulatory Information:

OSHA: This product is a hazardous material as defined in Section 3. Standard 29 CFR 1910.1200.

RCRA: This product is not defined as hazardous waste per 40 CFR 261.

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

Section 311/312: Hazard Categories - immediate and delayed health.

Section 313: This product does not contain components subject to reporting requirements.

State Regulatory Information:

Canada: This product is listed on the DSL.

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

Section 16 - Other Information

Storage Suggestions Hazard: N/A

Special Handling: Repair broken bags immediately

Special controls: Adequate ventilation to keep dust level below PEL.

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.



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