



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: 07/21/2007

Review Date: 10/24/2014

Revision Date: 01/31/2011

Product Identification: Poly-Rez Die Stone

Product Synonym: Dental Stone

Product Class/Use: Gypsum

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	CAS No.	EINECS	Symbols	Concentration, %
Plaster of Paris	26499-65-0	None	None	95 – 100
Crystalline Silica	148-60-7	None	None	< 1
Titanium dioxide	13463-67-7	236-675-5	None	< 3
Synthetic Resin	Not Established	265-116-8	None	^

Section 3 - Hazards Identification, Including Emergency Overview

Eyes: Particles may cause mild irritation

Skin: May dry skin over prolonged exposure

Inhalation: Large amounts of dust may cause nuisance conditions – coughing, sneezing and nasal irritation

Ingestion: If wetted it may cause obstruction

Section 4 - First Aid Measures

Eyes: Flush eyes with ample water for 15 minutes. If irritation develops, seek medical attention.

Skin: Wash contaminated area with water.

Inhalation: Remove to fresh air. If breathing difficulties occur, seek medical attention.

Ingestion: Gypsum products will harden when wetted and may cause obstruction, seek medical attention immediately

Section 5 - Fire Fighting Measures

Flash Point: None

Extinguishing Media: Do not use water as it may cause the product to solidify, not combustible

Special Fire Fighting Procedures: None

Unusual Fire & Explosion Hazards: None

Section 6 - Accidental Release Measures

Spill or Leak Procedures: Sweep or vacuum up material and place into waste container for disposal. Avoid washing down drains as material can plug them. If some does go down the drain flush a lot of water down the drain for 10 – 15 minutes.

Waste Disposal Method: Dispose in accordance with Local, State and Federal regulations.



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Section 7 - Handling and Storage

Handling: Maintain a proper ventilation and vacuum system. Do not allow dust to collect on ledges, floors, machinery or equipment. Wash hands after handling.

Storage: Keep container closed and store up off the floor in a dry clean area.

Section 8 - Exposure Controls & Personal Protection

Respiratory Protection: Use proper ventilation and a NIOSH approved respiratory mask.

Eye Protection: Use NIOSH approved safety glasses.

Skin Protection: Wear chemical resistant gloves.

Section 9 - Physical & Chemical Properties

Boiling Point: N/A

Appearance: Powder

Melting Point: 2372°F to 2610°F

Odor: Odorless

Density / Specific Gravity: 2.20 - 2.85

Solubility in water: 0.2%

Section 10 - Stability & Reactivity Data

Stability: Stable

Hazardous Decomposition Products: Above 1300°F - CaO

Incompatibility: Acids

Polymerization: Will not occur

Section 11 - Toxicological Information

Inhalation: Excessive dust over a prolonged period may result in lung damage.

Chronic Effects: Not available.

Toxic Effects: Not available.

Section 12 - Ecological Information

Ecotoxicological: Not available. Generally considered chemically inert in the environment. Not dangerous to water life.

Section 13 - Disposal Considerations

Waste Disposal Methods: Waste is not hazardous as defined by RCRA (40CFR 261). Avoid washing down drains as material can plug it. Follow all Federal, State, and Local regulations.

Section 14 - Transport Information

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

Section 15 - Regulatory Information

SARA III information: For purposes of SARA III reporting, this product contains no ingredients on the Extremely hazardous CERCLA, or section 313 lists.

SARA Extremely Hazardous Substances 40 CFR 370: Acute

CERCLA: This product is not listed with CERCLA (40 CFR 117, 302)

OSHA Hazardous Communication Standard (29 CFR 1910.1200): Contains material considered hazardous.

ICAO/IATA-DGR: Not applicable.



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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.