



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: 02/12/2004

Review Date: 08/27/2014

Product Identification: Luminesse High Fusing and ZR Porcelain

Product Synonym: Glass powder

Product Class/Use: Dental Restoration

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	EINECS
Glass, Oxide, chemicals	65997-17-13	266-046-0

Section 3 - Hazards Identification

Information concerning particular hazards for human and environment: not applicable

GHS label elements: void

Section 4 - First Aid Measures

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

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

Skin: Wash with soap and water then rinse with plenty of water. If irritation develops seek medical attention.

Ingestion: Never give anything by mouth to an unconscious person. Rinse mouth with water. Seek medical attention.

Section 5 - Fire Fighting Measures

Extinguishing Media: CO₂, dry chemical or carbon dioxide, alcohol-resistant foam, water spray

Section 6 - Accidental Release Measures

Spill Release Procedures:

Collect material and place in proper disposal container. Follow Local, State, Provincial and Federal laws and regulations. Do not allow to enter sewers / surface or ground water.

Section 7 - Handling and Storage

Handling: Avoid breathing dust. Minimize dust generation and accumulation.

Storage: Store in tightly closed original container in a dry area.



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Section 8 - Exposure Controls & Personal Protection

Exposure Limit: OSHA PEL (mg/m³)
15

Engineering Controls: Use with a vacuum and ventilating system when mixing, grinding and polishing.

Respiratory Protection: Use appropriate NIOSH-approved respiratory protective equipment.

Eye Protection: Use NIOSH approved safety glasses and dust mask.

Skin Protection: Gloves may be desirable for specific work situations.

Section 9 - Physical & Chemical Properties

Boiling Point: Not determined

Specific Gravity: Not determined

Melting Point: Not determined

Appearance: Fine powder in various colors

Flash Point: Not applicable

Odor: Odorless

Flammability (solid gaseous): Not flammable

Solubility in Water: Insoluble

Section 10 - Stability & Reactivity Data

Stability: Stable

Conditions to Avoid: None in applicable use.

Incompatibility with Other Materials: No known incompatibility with other materials

Hazardous Decomposition Products: No known hazardous decomposition products.

Section 11 - Toxicological Information

Toxicological Information: None available

Section 12 - Ecological Information

General Information: Water hazard class 1 (German Regulation) (self-assessment): slight hazardous for water. Do not allow undiluted product or large quantities of it to reach ground water or sewage system.

Section 13 - Disposal Considerations

Disposal must be in accordance with all federal, state and local regulations.

Section 14 - Transport Information

U.S. DOT Information: Not regulated.

Section 15 - Regulatory Information

Regulatory Information: The substance is not subject to classification according to EU lists and other sources of literature known to us

Section 16 - Other Information

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.