



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: 06/06/2014

Review Date: 02/26/2015

Product Identification: MASTERmill CAD/CAM Scanning Spray

Product Synonym: Dry scanning spray powder

Product Class/Use: CAD/CAM 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.	ACGIH TLV	OSHA PEL	OTHER
Dimethyl Carbinol	67-63-0	200 ppm	Not established	200 ppm 8 hr TWA
Halogenated Hydrocarbon/ether blend	Mixture	Not established	Not established	1000 ppm TWA

Section 3 - Hazards Identification, Including Emergency Overview

Inhalation: Small amounts during usage should not cause harmful effects. Avoid breathing large amounts during usage as it may be harmful and could affect the nervous system, cause dizziness, headache, drowsiness, fatigue, weakness, nausea, confusion and loss of consciousness. Exposure to a high concentration can cause irregular heartbeat, cardiac arrest and death.

Eyes: May cause irritation, stinging, tearing and redness.

Skin: May cause irritation in the form of redness, drying, cracking, rash or frostbite

Ingestion: If a small amount is accidental swallowed during usage should not cause harmful effects. Swallowing a large amount may be harmful.

Section 4 - First Aid Measures

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

Eyes: If contact occurs, flush eyes immediately with ample water for at least 15 minutes. If irritation develops, seek medical attention.

Skin: If contact occurs, wash off skin thoroughly with soap and water and rinse thoroughly. Wash contaminated clothing before reuse. If irritation develops, seek medical attention.

Ingestion: Do not induce vomiting. If spontaneous vomiting occurs, keep the head below the hips to prevent aspiration of liquid into lungs. Seek medical attention immediately.

Note to Physician: *Because of possible disturbances of cardiac rhythm, catecholamine drugs, such as epinephrine, should be used only in situations of emergency life support. This material is an aspiration hazard. Potential danger from aspiration must be weighed against possible oral toxicity when deciding whether to induce vomiting. Preexisting disorders of the following organs (or organ systems) may be aggravated by exposure to this material: skin; lung (for example, asthma-like conditions); kidney; liver.*



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Section 5 - Fire Fighting Measures

Extinguishing Media: Use CO₂, alcohol resistant foam or dry chemical. Do not spray water as it may spread the fire.

Explosion and/or Fire Hazards: This product contains component(s) that have extremely flammable gas(es) and liquid, which has vapors that are heavier than air and may travel along the ground or be moved by ventilation and ignited by heat, pilot lights or other flames and ignition sources at locations distant from the material's handling point. Aerosol containers may explode under intense heat conditions over 130°F (54°C).

Section 6 - Accidental Release Measures

Spill Release Procedures:

Ventilate the contaminated area immediately and shut down all sources of ignition. Wear OSHA approved protective clothing.

Clean up with absorbent cleaning material and place waste into a tightly closed proper container and dispose in accordance with Local, State and Federal regulations.

Avoid contamination of ground water and soil.

Section 7 - Handling and Storage

Handling : Use in accordance with the instructions. Use with adequate ventilation. It is recommended to wear an OSHA approved respiratory mask. Avoid prolonged exposure.

Storage : Store in a cool, dry well ventilated area away from all sources of ignition. Do not store at temperatures Above 120°F (49°C). Keep away from incompatible materials such as oxidizing material and corrosive materials (strong acids), oxygen cylinders and possible ignition sources. Ground all equipment and cylinders before use. Dispose of all empty containers as the remaining residues are hazardous and dispose in accordance with Local, State and Federal regulations.

Section 8 - Exposure Controls & Personal Protection

Ventilation: Use adequate ventilation.

Respiratory Protection: Use a NIOSH approved mask

Eye Protection: Wear safety glasses with side shields or face shield.

Skin Protection: Wear chemically resistant gloves when using for prolonged time period.

Protective Hygiene: Wash hands thoroughly with soap and water after using product.

Section 9 - Physical & Chemical Properties

Boiling Point: No data available

Vapor Pressure: 72 PSIG @ 70°F

Vapor Density: [air = 1] 1.99

Evaporation Rate: 0.5-2 (n-Butyl acetate = 1)

Specific Gravity: 0.79 (H₂O = 1)

Solubility in Water: Negligible; 0 - 1 %

Physical State: Aerosol Spray Can

Appearance: White

Odor: Slight ethereal

pH: N/A

Section 10 - Stability & Reactivity Data

Stability: Stable

Conditions to Avoid: Contact with alkaline earth metals, freshly abraded aluminum surfaces, powdered metals. Keep away from open flames, sparks, static discharges and glowing metal surfaces. Keep away from oxidizers, acetic acids, organic acid anhydrides, acetaldehyde, chlorine, ethylene oxide, isocyanates.

Decomposition Products: Can be decomposed by extremely high temperatures (open flames, glowing metal surface, etc.) forming hydrofluoric acid and carbonyl fluoride. If heated with peroxides present, violent decomposition can occur. Burning can produce the following combustion products: Carbon dioxide and carbon monoxide.



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Section 11 - Toxicological Information

Toxicological Information: None available
Skin: May cause slight skin irritation
Eyes: Will cause irritation

Section 12 - Ecological Information

Ecological Information: N/A

Section 13 - Disposal Considerations

Waste Disposal Methods: Follow all federal, state, and local regulations.

Section 14 - SDS Transport Information

	UN Number	Hazard Class	Packing Group
DOT: Aerosols, non-flammable*	UN1950	2.2	N/A
IATA: Aerosols, non-flammable*	UN1950	2.2	N/A
IMDG: Aerosols, non-flammable*	UN1950	2.2	N/A

Section 15 - Regulatory Information

Warning: This product contains the following chemicals that are subject to reporting requirements for the following regulatory bodies listed below:

Component	C.A.S.	% By Weight	Regulatory Body
No component listed in this section.			SARA Section 313
Warning: This product may contain chemicals know to the State of California to cause cancer, see list below: No components listed in this section			Prop65 Cancer
Warning: This product may contain chemicals know to the State of California to cause cancer, see list below: No components listed in this section			Prop65 Birth Defects
All components of this product are listed on the TSCA inventory			

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 assume no liability resulting from its use.