



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: 10/01/1989

Review Date: 08/17/2015

Revision Date: 02/21/2005

Product Identification: Die Sealer Thinner

Product Synonym: Petroleum Distillates

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 (STEL)	ACGIH TLV (STEL)
Acetone	67-64-1	10 - 20 %	1000 PPM	750 PPM
Ethyl Acetate	141-78-6	10 - 18 %	<i>(not established)</i>	<i>(not established)</i>
Methanol	67-56-1	10 - 15 %	250 PPM	250 PPM
Light Aliphatic	64742-89-8	10 - 15 %	400 PPM	<i>(not established)</i>
Solvent Naphtha	64742-94-5	10 - 15 %	<i>(not established)</i>	<i>(not established)</i>
Toluene	108-88-3	10 - 15 %	150 PPM	<i>(not established)</i>
Xylene	1330-20-7	10 - 15 %	150 PPM	150 PPM
Ethylbenzene	100-41-4	10 - 15 %	125 PPM	125 PPM
Methyl Ethyl Ketone	78-93-3	15 - 35 %	300 PPM	300 PPM

Section 3 - Hazards Identification, Including Emergency Overview

Effects of Overexposure

Eyes: High vapor concentration may cause irritation

Skin: May dry skin over prolonged exposure

Inhalation: High vapor concentration may produce CNS depression – evidence by giddiness, headache, nausea

Ingestion: Prompt action is essential. Swallowing as little as one to four ounces of Methanol has been reported to cause death or serious irreversible injury such as blindness.

Section 4 - First Aid Measures

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

Skin: In case of contact, flush skin with ample water. If contact occurs with clothing, remove clothing and do not use until cleaned. If irritation develops, seek medical attention.

Inhalation: Remove to fresh air. If breathing difficulty develops, seek medical attention.

Ingestion: Seek medical attention immediately, call Poison Control. Do not induce vomiting.



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Section 5 - Fire Fighting Measures

Extinguishing Media: Dry chemical, or appropriate foam

Special Fire Fighting Procedures: Use water spray to cool fire exposed surfaces and to protect personnel. Shut off "fuel" source to fire. If a leak or spill has not ignited, use water spray to disperse the vapors.

Unusual Fire & Explosion Hazards: High flammable, vapors can cause flash fire

Section 6 - Accidental Release Measures

Spill or Leak Procedures: Ventilate area, shut off or remove source of ignition. Use an inert dry material to absorb the spill. Place waste in an appropriate waste disposal container.

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

Section 7 - Handling and Storage

Handling: Keep away from heat. Use in a well ventilated area.

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

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: 133°F (56°C)

Specific Gravity: *Not determined*

Melting Point: N/A

Solubility: Moderate

Auto-ignition: *Not determined*

Appearance: Clear liquid

Section 10 - Stability & Reactivity Data

Stability: Stable

Conditions of Instability: Exposure to any source of heat or sparks

Incompatibility: Reactive with oxidizing agents, acids, chlorinated compounds

Hazardous Decomposition Products: May yield carbon monoxide and carbon dioxide

Polymerization: Will not occur

Section 11 - Toxicological Information

Skin: Prolonged or repeated skin contact can cause irritation, drying and cracking

Eyes: Can cause severe irritation and possible injury to eye tissue

Inhalation: Inhalation of high vapor concentration may cause irritation to the respiratory tract. Long-term vapor inhalation may cause headache, dizziness, drowsiness, unconsciousness, brain cell damage, central nervous system depression, liver and kidney damage

Ingestion: Can cause blindness and death



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Section 12 - Ecological Information

Eco toxicity: Harmful to aquatic life with long lasting effects.

Persistence and degradability: No information available

Section 13 - Disposal Considerations

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

Section 14 - Transport Information

U.S. DOT Information:

Proper Shipping Name: Paint related material

Hazard Class: 3

Packing Group: II

Identification Number: UN1263

Section 15 - Regulatory Information

Health Hazard: 3

Flammability: 3

Instability: 0

Physical Hazard: 0

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.