



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: 10/01/1989

Review Date: 08/20/2015

Revision Date: 01/21/2005

Product Identification: Die Spacer Thinner

Product Class/Use: Petroleum Distillates

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.	% Mixtures	OSHA PEL (mg/m ³)	ACGIH TLV (mg/m ³)
Methyl Ethyl Ketone	78-93-3	99 %	590	590

Trace ingredients (if any) are present in <1% (<0.1% for potential carcinogens, reproductive toxins, respiratory tract mutagens, and sensitizers) None of the trace ingredients contribute significant additional hazards at the concentrations that may be present in this product. All pertinent hazard information has been provided in this document, per the requirements of the Federal Occupational Safety and Health Administration Standard (29 CFR 1910.1200), U.S. State equivalents, and Canadian Hazardous Materials Identification System Standard (CPR 4).

Section 3 - Hazards Identification, Including Emergency Overview

Hazard classification: Highly flammable liquid and vapor keep away from open flames, sparks, all types of heat and do not smoke in area.

Inhalation: High vapor concentration may produce dizziness, headache, confusion, drowsiness, nose, throat and respiratory irritation.

Eyes: High vapor may cause irritation, stinging, tearing and redness. Liquid contact with the eyes may cause injury.

Skin: May cause skin irritation.

Ingestion: May cause stomach discomfort, nausea, vomiting and diarrhea. Seek medical attention immediately.

Section 4 - First Aid Measures

Inhalation: Remove to fresh air. If breathing is difficult seek medical attention immediately. If breathing has stopped, trained personnel should immediately begin artificial respiration. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation. If unconscious place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband. If the heart has stopped, trained personnel should immediately begin cardiopulmonary resuscitation (CPR) and seek medical attention immediately. In case of inhalation of decomposition products in a fire, symptoms may be delayed.

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

Skin: If contact occurs, wash off skin thoroughly with soap and water and rinse thoroughly. Remove contaminated clothing carefully so as not to come in contact with the eyes. Wash contaminated clothing. If irritation develops, seek medical attention.



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Ingestion: Give two glasses of water to drink. Do not induce vomiting. Never give anything by mouth to an unconscious person. If spontaneous vomiting occurs, keep the head below the hips to prevent aspiration of liquid into lungs. Call POISON CONTROL CENTER for the most current information. Seek medical attention immediately.

Section 5 - Fire Fighting Measures

Warning: Avoid open flames, sparks, any source of heat and do not smoke anywhere near the area. Only use in open well ventilated area. Only use explosion-proof electrical equipment.

Extinguishing Media: Use dry chemical, carbon dioxide or chemical foam.

Special Fire Fighting Procedures: Full protective equipment including self-contained breathing apparatus should be used. Water spray may be ineffective. If water is used, fog nozzles are preferable. Water may be used to cool closed containers to prevent pressure build-up and possible auto-ignition or explosion when exposed to heat.

Explosion and/or Fire Hazards: Closed containers may explode when exposed to extreme heat.

Section 6 - Accidental Release Measures

Spill Release Procedures:

Ventilate the contaminated area immediately and shut down all sources of ignition. Avoid breathing vapors. Clean up with non-combustible absorbent cleaning material and place waste into a proper waste container and dispose in accordance with Local, State and Federal regulations.

Section 7 - Handling and Storage

Handling: Use with adequate ventilation. Avoid prolonged exposure to fumes. Avoid all sources of ignition, sparks, open flame, smoking and electric equipment. Use safety glasses, gloves and protective apron.

Storage: Store in original sealed container in a cool fire proof area that is dry and well ventilated away from all sources of ignition and direct sunlight. Keep away from strong oxidants and acids. Do not reuse the container

Section 8 - Exposure Controls & Personal Protection

	C.A.S.	EINECS	OSHA (TWA)	ACGIH (TLV)	OSHA/ACGIH (STEL)
Material: Methyl ethyl ketone	78-93-3	201-159-0	200 ppm	200 ppm	300 ppm

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. Wear a Lab coat or apron.

Protective Hygiene: Do not eat or smoke while using this product. Wash hands thoroughly with soap and water after using product.

Section 9 - Physical & Chemical Properties

Boiling Range: 172°F - 178°F (77°C - 81°C)

Flash Point: 28°F (-2°C)

Auto-Ignition: 960°F (515°C)

Vapor Pressure: 70.0 mm Hg @ 20 C

Vapor Density (air=1): 2.5

Evaporation Rate (n-Butyl Acetate = 1): 3.6

Specific Gravity (water=1): 0.805

Appearance: Clear liquid

Oder: Slight

Water Solubility: Appreciable

Flammable: Yes

Flammability Classification: Class I B



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Section 10 - Stability & Reactivity Data

Stability: Stable under normal conditions.

Incompatibility: Strong oxidizing agents can causing fire and explosion hazard.

Conditions to Avoid: Contact with strong oxidants. Keep away from open flames, sparks and all heat sources.

Hazardous Decomposition Products: Carbon monoxide and carbon dioxide from burning.

Polymerization: Will not occur.

Section 11 - Toxicological Information

Irritancy: Mild irritant to strong irritant.

Acute / Chronic Effects: Repeated and prolonged exposure to skin can cause irritation, dermatitis or localized skin damage. Repeated and prolonged exposure to eyes can cause irritation, redness, tearing, and blurred vision. Vapor is harmful to respiratory tract, may cause serious nervous system depression. Ingestion can cause abdominal irritation, nausea, vomiting and diarrhea.

Carcinogenicity: This product has no carcinogens listed by IARD, NTP, NIOSH, OSHA or ACGIH, as of this date, greater or equal to 0.1%.

Section 12 - Ecological Information

Ecological: Avoid contact with soil, may be harmful or fatal to plant and animal life. Keep out of sewers and natural water supplies.

Biodegradability: This product is completely biodegradable.

Section 13 - Disposal Considerations

Waste Disposal Methods: Place in closed container. Follow all federal, state, and local regulations.

Section 14 - Transport Information

U.S. DOT	Canada TDG
Shipping Name: Methyl Ethyl Ketone	Methyl Ethyl Ketone
Hazard Class: 3	3
UN Number: UN1193	UN1193
Packing Group: II	II
Additional Info:	Flashpoint: -9C

Section 15 - Regulatory Information

EPA Regulations: SARA Section 311/312

Hazards: Acute Health, fire

All components of this product are on the TSCA list.

This material contains no known products restricted under SARA Title III, Section 313 in amounts greater or equal to 1%.

SARA Title III Ingredients	CAS	EINECS	WT	(Reg. Section)	RQ (LBS)
Methyl Ethyl Ketone	78-93-3	201-159-0	95 – 100%	(311, 312)	5,000

Any release of equal to or exceeding the RQ must be reported to the National Response Center (800-424-8802) and appropriate state and local regulatory agencies as described in 40 CFR 302.6 and 40 CFR 355.40 respectively. Failure to report may result in substantial civil and criminal penalties. State and local regulations may be more restrictive than federal regulations.



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State Regulations: This product meets requirements of Southern California AQMD rule 443.1 & similar regulations.

California Safe Drinking Water & Toxic Enforcement Act (Proposition 65): This product contains no chemicals known to the State of California to cause cancer or reproductive toxicity.

International Regulations: The components of this product are listed on the chemical inventories of the following countries: Australia (AICS), Canada (DSL or NDSL), China (IECSC), Europe (EINECS, ELINCS), Japan (METI/CSCL, MHLW/ISHL), South Korea (KECI), New Zealand (NZIoC), Philippines (PICCS), Switzerland (SWISS), Taiwan (NECSI), USA (TSCA).

Canada: Workplace hazardous materials information system (WHMIS).

B2: Flammable Liquid

D2B: Irritating to skin and eyes

This product has been classified in accordance with hazard criteria of the Controlled Products Regulations (CPR) and the SDS contains all the information required by the CPR.

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.