



Safety Data Sheet

Issue date 18-May-2018

Revision date 15-Jul-2019

Revision Number 2

1. IDENTIFICATION

Product identification

Product identifier	Rotanium Seal-Tite Dielectric Silicone Grease
Other means of identification	P36384
Recommended use	Lubricant
Restrictions on use	For industrial use only

Supplier

Corporate Headquarters:
Lawson Products, Inc.
8770 W. Bryn Mawr Ave., Suite 900
Chicago, IL 60631
(866) 837-9908

Canadian Distribution Center:
Lawson Canada
7315 Rapistan Court
Mississauga, ON L5N 5Z4
(800) 323-5922

24 Hour Emergency Phone Number (888) 426-4851 (Prosar)

Website <https://www.lawsonproducts.com>

2. HAZARD(S) IDENTIFICATION

Hazard Classification While this material is not classified as hazardous under OSHA, GHS or WHMIS 2015 regulations, this SDS contains valuable information critical to the safe handling and proper use of this product. This SDS should be retained and available for employees and other users of this product.

Symbol Not applicable

Signal word Not applicable

Hazard statements Not applicable

Precautionary statements

General P101 - If medical advice is needed, have product container or label at hand
P102 - Keep out of reach of children
P103 - Read label before use.

Prevention P202 - Do not handle until all safety precautions have been read and understood

Response

Eyes	P305 + P351 + P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing
Skin	P352 - Wash with plenty of soap and water
Inhalation	P340 - Remove victim to fresh air and keep at rest in a position comfortable for breathing
Ingestion	P301 + P330 + P331 - IF SWALLOWED: rinse mouth. Do NOT induce vomiting
Fire	P378 - Use Carbon Dioxide, Dry Chemical, Foam or Water Fog to extinguish
Spill	P391 - Collect spillage
Storage	P401 - Store in accordance with local regulations P410 + P403 - Protect from sunlight. Store in a well-ventilated place
Disposal	P501 - Dispose of contents/container in accordance with local, regional, national, and international regulations as applicable
Hazard(s) Not Otherwise Classified (HNOC)	None known.
Physical Hazards Not Otherwise Classified (PHNOC)	None known.
Unknown acute toxicity	None known

3. COMPOSITION/INFORMATION ON INGREDIENTS

While this material is not classified as hazardous under OSHA, GHS or WHMIS 2015 regulations, this SDS contains valuable information critical to the safe handling and proper use of this product. This SDS should be retained and available for employees and other users of this product.

Composition Mixture.

Chemical name	CAS-No	Weight %
Polyalkylene Glycol	9003-13-8	80-90
Silica	7631-86-9	5-10
Poly(dimethylsiloxane)	63148-62-9	3-7
SILOXANES AND SILICONES, DI-ME, 3-HYDROXYPROPYL ME, ETHERS WITH POLYETHYLENE GLYCOL MONO-ME ETHER	68938-54-5	1-3

There are no additional ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified as hazardous to health or environment and hence require reporting in this section

4. FIRST-AID MEASURES

Necessary first-aid measures

Inhalation	Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical attention if symptoms occur.
Ingestion	Never give anything by mouth to an unconscious person. Rinse mouth with water and spit out. Do not induce vomiting without medical advice. Get medical attention if symptoms occur.
Skin contact	Flush area with large quantities of water. Get medical attention if symptoms occur.

Eye contact	Remove contact lenses. Flush eyes with plenty of water. Seek medical attention if irritation occurs.
Most important symptoms (acute)	No known significant effects or critical hazards.
Most important symptoms (over-exposure)	No known significant effects or critical hazards.
Indication of any immediate medical attention and special treatment needed	Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled. No action shall be taken involving any personal risk or without suitable training.

5. FIRE-FIGHTING MEASURES

Suitable extinguishing media	Dry Chemical, Carbon Dioxide, Foam or Water Fog.
Unsuitable extinguishing media	Not available.
Specific hazards	No specific fire or explosion hazard.
Special protective equipment for fire-fighters	As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures	No action shall be taken involving any personal risk or without suitable training. Keep unnecessary and unprotected personnel from entering the area. Do not touch or walk through spilled material. Wear personal protective equipment. Use personal protection recommended in Section 8. Do not allow product to reach sewage system, soil, surface or ground water, or any water course. Notify proper authorities if entry occurs.
Methods and materials for containment and cleaning up	Move containers from spill area. Vacuum or sweep material and place in a disposal container. Dispose of via a licensed waste disposal contractor. See section 1 for emergency contact information and section 13 for disposal information.

7. HANDLING AND STORAGE

Precautions for safe handling	Wear personal protective equipment. Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Wash hands with soap and water before eating, drinking, smoking, or using toilet facilities.
Conditions for safe storage, including any incompatibilities	Store in accordance with local regulations. Store in original container. Protect from sunlight. Keep in a dry, cool and well-ventilated place. Keep away from incompatible materials. Keep away from food, beverages, and feed. Keep containers tightly closed in a cool, well-ventilated place. Keep container closed when not in use. Carefully reseal opened containers. Store upright. Do not store in unlabeled or mislabeled containers. Use appropriate containment to avoid environmental contamination.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Control parameters	Not applicable
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Chemical name	OSHA PEL (TWA)	ACGIH OEL (TWA)	NIOSH - TWA
Polyalkylene Glycol	-	-	-
Silica	50 µg/m ³ TWA	-	6 mg/m ³ TWA
Poly(dimethylsiloxane)	-	-	-

Chemical name	OSHA PEL (TWA)	ACGIH OEL (TWA)	NIOSH - TWA
SILOXANES AND SILICONES, DI-ME, 3-HYDROXYPROPYL ME, ETHERS WITH POLYETHYLENE GLYCOL MONO-ME ETHER	-	-	-

Appropriate engineering controls

Good general ventilation should be sufficient to control worker exposure to airborne contaminants. Emissions from ventilation or work process equipment should be checked to ensure they comply with the requirements of environmental protection legislation.

Individual protection measures, such as personal protective equipment**Eye protection**

Safety eyewear complying with an approved standard should be used when a risk assessment indicates this is necessary to avoid exposure to liquid splashes, mists or dusts. Wear safety glasses with side shields.

Skin and body protection

Chemical-resistant, impervious gloves complying with an approved standard should be worn at all times when handling chemical products if a risk assessment indicates this is necessary. Appropriate footwear must be worn. Use appropriate skin protection. The following gloves are recommended for prolonged or repeated contact: Nitrile gloves.

Respiratory protection

Use a properly fitted, air-purifying or supplied air respirator complying with a approved standard if a risk assessment indicates this is necessary. Respirator selection must be based on known or anticipated exposure levels, the hazards of the product and the safe working limits of the selected respirator.

Hygiene measures

General industrial hygiene practice. Wash hands after handling the product. Wash hands before breaks and at the end of workday. Washing hands, face, neck and arms thoroughly before eating or smoking is recommended. Remove and wash contaminated clothing before re-use. A safety shower and eye wash station should be available for emergency use.

Canadian Province Occupational Exposure Limits Not applicable

Chemical name	Alberta OEL	British Columbia OEL	Manitoba OEL	New Brunswick - OEL	Newfoundland and Labrador - OEL	Nova Scotia - OEL	Ontario OEL	Prince Edward Island - OEL	Quebec OEL	Saskatchewan - OEL
Polyalkylene Glycol	-	-	-	-	-	-	-	-	-	-
Silica	-	-	-	-	-	-	-	-	-	-
Poly(dimethylsiloxane)	-	-	-	-	-	-	-	-	-	-
SILOXANES AND SILICONES, DI-ME, 3-HYDROXYPROPYL ME, ETHERS WITH POLYETHYLENE GLYCOL MONO-ME ETHER	-	-	-	-	-	-	-	-	-	-

9. PHYSICAL AND CHEMICAL PROPERTIES**Physical state**

Semi-Solid

Color

Translucent, White

Odor	Odorless
Odor threshold	Not available
pH	Not available
Melting point/range °C	Not available
Melting point/range °F	Not available
Boiling point/range °C	Not available
Boiling point/range °F	Not available
Flash point °C / °F	Not available
Evaporation rate	Not available
Flammability (Solid, Gas)	Not available
Lower explosion limit	Not available
Upper explosion limit	Not available
Vapor pressure	Not available
Vapor density	Not available
Relative density	1.02
Solubility	Insoluble in cold water Insoluble in hot water
Partition coefficient (n-octanol/water)	Not available
Autoignition temperature °C	Not available
Autoignition temperature °F	Not available
Decomposition temperature °C	Not available
Decomposition temperature °F	Not available
Viscosity	Not available

10. STABILITY AND REACTIVITY

Reactivity	Not available.
Chemical stability	Stable.
Possibility of hazardous reactions	None under normal conditions of use.
Conditions to avoid	Do not heat above flash point.
Incompatible materials	Incompatible with oxidizing agents.
Hazardous decomposition products	None under normal use.

11. TOXICOLOGICAL INFORMATION

Information on likely routes of exposure Dermal. Eyes. Ingestion.

Symptoms Not available.

Delayed and immediate effects as well as chronic effects from short and long-term exposure No known significant effects or critical hazards.

Numerical measures of toxicity Not available

Chemical name	Inhalation LC50:	Dermal LD50:	Oral LD50:
Polyalkylene Glycol	-	= 13340 mg/kg (Rabbit) = 21200 µL/kg (Rabbit)	= 5840 mg/kg (Rat) = 9100 mg/kg (Rat)
Silica	> 2.2 mg/L (Rat) 1 h	> 2000 mg/kg (Rabbit)	= 7900 mg/kg (Rat)
Poly(dimethylsiloxane)	-	> 2 g/kg (Rabbit)	> 17 g/kg (Rat) > 24 g/kg (Rat)
SILOXANES AND SILICONES, DI-ME, 3-HYDROXYPROPYL ME, ETHERS WITH POLYETHYLENE GLYCOL MONO-ME ETHER	-	-	-

ATEmix (dermal) Not available

ATEmix (oral) 28214.3 mg/kg

ATEmix (inhalation-gas) Not available

ATEmix (inhalation-vapor) Not available

ATEmix (inhalation-dust/mist) Not available

Carcinogenicity Not available

Chemical name	ACGIH OEL - Carcinogens	IARC	OSHA RTK Carcinogens	NTP
Polyalkylene Glycol	-	-	-	-
Silica	-	Group 1 Group 3	Listed	Known Carcinogen
Poly(dimethylsiloxane)	-	-	-	-
SILOXANES AND SILICONES, DI-ME, 3-HYDROXYPROPYL ME, ETHERS WITH POLYETHYLENE GLYCOL MONO-ME ETHER	-	-	-	-

Canadian Province carcinogenicity limits Not available

Chemical name	Alberta - Carcinogen	British Columbia - Carcinogen	Manitoba - Carcinogen	New Brunswick - Carcinogen	Nova Scotia - Carcinogen	Quebec - Carcinogen
Polyalkylene Glycol	-	-	-	-	-	-

Chemical name	Alberta - Carcinogen	British Columbia - Carcinogen	Manitoba - Carcinogen	New Brunswick - Carcinogen	Nova Scotia - Carcinogen	Quebec - Carcinogen
Silica	-	-	-	-	-	-
Poly(dimethylsiloxane)	-	-	-	-	-	-
SILOXANES AND SILICONES, DI-ME, 3-HYDROXYPROPYL ME, ETHERS WITH POLYETHYLENE GLYCOL MONO-ME ETHER	-	-	-	-	-	-

12. ECOLOGICAL INFORMATION

Ecotoxicity Not available

Chemical name	Algae/aquatic plants	Fish
Polyalkylene Glycol	-	-
Silica	440: 72 h Pseudokirchneriella subcapitata mg/L EC50	5000: 96 h Brachydanio rerio mg/L LC50 static
Poly(dimethylsiloxane)	-	-
SILOXANES AND SILICONES, DI-ME, 3-HYDROXYPROPYL ME, ETHERS WITH POLYETHYLENE GLYCOL MONO-ME ETHER	-	-

Persistence and degradability Not available.

Bioaccumulation Not available

Chemical name	CAS-No	Partition coefficient (log Kow)
Polyalkylene Glycol 9003-13-8	9003-13-8	-
Silica 7631-86-9	7631-86-9	-
Poly(dimethylsiloxane) 63148-62-9	63148-62-9	-
SILOXANES AND SILICONES, DI-ME, 3-HYDROXYPROPYL ME, ETHERS WITH POLYETHYLENE GLYCOL MONO-ME ETHER 68938-54-5	68938-54-5	-

Mobility in soil Not available.

Other adverse effects No known significant effects or critical hazards.

13. DISPOSAL CONSIDERATIONS

Disposal information Dispose of all product, residues and clean-up materials in accordance with local, state, and federal regulations. Dispose of via licensed waste disposal contractor. Do not flush into

surface water or sanitary sewer system. Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers.

Contaminated packaging

Please recycle empty container whenever possible. Emptied container retains product residue.

14. TRANSPORTATION INFORMATION

Shipping Descriptions**DOT**

Proper shipping name Not regulated

TDG

Proper shipping name Not regulated

IATA

Proper shipping name Not regulated

IMDG/IMO

Proper shipping name Not regulated

Marine Pollutants

Chemical name	CAS-No	USDOT Marine Pollutant	Canada TDG Marine Pollutant	IMDG Marine Pollutant
Polyalkylene Glycol	9003-13-8	-	-	-
Silica	7631-86-9	-	-	-
Poly(dimethylsiloxane)	63148-62-9	-	-	-
SILOXANES AND SILICONES, DI-ME, 3-HYDROXYPROPYL ME, ETHERS WITH POLYETHYLENE GLYCOL MONO-ME ETHER	68938-54-5	-	-	-

15. REGULATORY INFORMATION

State regulations**U.S. state Right-to-Know regulations**

Not applicable

Chemical name	CAS-No	Massachusetts - RTK	New Jersey - RTK	Pennsylvania - RTK
Polyalkylene Glycol	9003-13-8	-	-	-
Silica	7631-86-9	X	-	X
Poly(dimethylsiloxane)	63148-62-9	-	-	-
SILOXANES AND SILICONES, DI-ME, 3-HYDROXYPROPYL ME, ETHERS WITH POLYETHYLENE GLYCOL MONO-ME ETHER	68938-54-5	-	-	-

California Prop. 65

Not Listed

Chemical name	CAS-No	California Prop. 65
Polyalkylene Glycol	9003-13-8	-
Silica	7631-86-9	Carcinogen
Poly(dimethylsiloxane)	63148-62-9	-

Chemical name	CAS-No	California Prop. 65
SILOXANES AND SILICONES, DI-ME, 3-HYDROXYPROPYL ME, ETHERS WITH POLYETHYLENE GLYCOL MONO-ME ETHER	68938-54-5	-

U.S. Federal Regulations**US EPA SARA 313**

Not applicable

Chemical name	CAS-No	CERCLA/SARA Hazardous Substances RQ	SARA 313 - Threshold Values
Polyalkylene Glycol	9003-13-8	-	-
Silica	7631-86-9	-	-
Poly(dimethylsiloxane)	63148-62-9	-	-
SILOXANES AND SILICONES, DI-ME, 3-HYDROXYPROPYL ME, ETHERS WITH POLYETHYLENE GLYCOL MONO-ME ETHER	68938-54-5	-	-

**US EPA SARA 311/312
hazardous categorization**

Not applicable

Chemical name	DSL/NDSL	Inventory - United States - Section 8(b) Inventory (TSCA)	U.S. - TSCA (Toxic Substances Control Act) - Section 12(b) - Export Notification
Polyalkylene Glycol	X	X	-
Silica	X	X	-
Poly(dimethylsiloxane)	X	X	-
SILOXANES AND SILICONES, DI-ME, 3-HYDROXYPROPYL ME, ETHERS WITH POLYETHYLENE GLYCOL MONO-ME ETHER	X	X	-

16. OTHER INFORMATION**NFPA**

Health	0
Flammability	1
Instability	0

HMIS

Health	0*
Flammability	1
Physical hazards	0
Personal protection	To be determined by customer.

Notice: HMIS® ratings are based on a 0-4 rating scale, with 0 representing minimal hazards or risks, and 4 representing significant hazards or risks. Although HMIS® ratings are not required on SDSs under 29 CFR 1910.1200, the preparer may choose to provide them. HMIS® ratings are to be used with a fully implemented HMIS® program. HMIS® is a registered mark of the National Paint & Ink Association.

Coatings Association (NPCA).

Prepared by Regulatory Affairs

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Revision note

Key to abbreviations

ACGIH (American Conference of Governmental Industrial Hygienists)
ATE (Average Toxicity Estimate)
DSL/NDL (Domestic Substance List/Non-Domestic Substance List)
HMIS (Hazardous Materials Identification System)
IARC (International Agency for Research on Cancer)
IATA (International Air Transport Association)
IMDG/IMO (International Maritime Dangerous Goods/International Maritime Organization)
NFPA (National Fire Protection Association)
NTP (National Toxicology Program)
OEL (Occupational Exposure Level)
OSHA (Occupational Safety and Health Administration of the US Department of Labor)
PEL (Permissible Exposure Limit)
TSCA (Toxic Substance Control Act)
USEPA (United States Environmental Protection Agency)

Disclaimer

The information accumulated herein is believed to be accurate, but is not warranted to be, whether originating with the company or not. Recipients are advised to confirm in advance of need that the information is current, applicable, and suitable to their circumstances.

End of Safety Data Sheet