



Material Safety Data Sheet

Revision Date 11-Feb-2015

1. CHEMICAL PRODUCT AND COMPANY INFORMATION

Product code 97288
Product name Silicone Dielectric Compound
Recommended Use Lubricant

Supplier Lawson Products, Inc.
 8770 W.Bryn Mawr Ave.- Suite 900
 Chicago, IL 60631
 1-866-529-7664

Emergency telephone number (888) 426-4851

2. HAZARDS IDENTIFICATION

Emergency Overview
Irritant.

Aggravated Medical Conditions

Pre-existing skin conditions may be aggravated by exposure to this product.

Principal Routes of Exposure

Ingestion.

Potential health effects

Eyes Contact with eyes may cause irritation.

Skin Repeated or prolonged exposure may cause:
Skin Irritation.

Inhalation No adverse affects expected.

Ingestion No adverse affects expected.

3. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Name	CAS-No	Weight %
Dimethyl Polysiloxane	63148-62-9	85-95
Synthetic oil - (N.J.T.S.R.N.80100362-500 4P)	Proprietary	2-8
Synthetic oil - (N.J.T.S.R.N. 80100362-5058P)	Proprietary	1-5

4. FIRST AID MEASURES

Eye contact Flush with plenty of water for at least 15 minutes. Seek medical attention if irritation persists.

Skin contact Wash off immediately with soap and plenty of water. If skin irritation persists, call a physician.

Ingestion Do Not induce vomiting. Call a physician or Poison Control Center immediately. Keep warm and quiet.

Inhalation Move to fresh air. Seek medical attention if irritation persists.

5. FIRE FIGHTING MEASURES

Flash point °C 298
Flash point °F 570
Method Open cup

Autoignition temperature °C No data available
Autoignition temperature °F

Flammability Limits (% in Air)
Upper No data available
Lower No data available

Suitable extinguishing media

Dry chemical powder. Carbon dioxide. Foam. Water fog.

Special protective equipment for firefighters

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

Special Fire-Fighting Procedures

Treat as a fuel oil fire.

Sensitivity to shock

No information available.

Sensitivity to static discharge

No information available.

6. ACCIDENTAL RELEASE MEASURES

Methods for cleaning up

Use caution as spill may create a slip hazard. Soak up with inert absorbent material. Wipe or scrape up and dispose of spill. Dispose of absorbent in accordance with local, state and federal regulations. Do not allow product to reach sewage system, soil, surface or ground water, or any water course. Notify proper authorities if entry occurs.

7. HANDLING AND STORAGE

Handling

Keep away from open flames, hot surfaces and sources of ignition. Remove and wash contaminated clothing before re-use. Do not get on skin or in eyes. Wash hands with soap and water before eating, drinking, smoking, or using toilet facilities. Discard contaminated leather gloves and shoes.

Storage

Keep tightly closed in a dry and cool place. Keep out of the reach of children.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Chemical Name	OSHA PEL (TWA)	OSHA PEL (Ceiling)	ACGIH OEL (TWA)	ACGIH OEL (STEL)
Dimethyl Polysiloxane	-	-	-	-
Synthetic oil - (N.J.T.S.R.N. 80100362-5004P)	-	-	-	-
Synthetic oil - (N.J.T.S.R.N. 80100362-5058P)	-	-	-	-

Ventilation and Environmental Controls

Normal ventilation is adequate.

Hygiene measures

General industrial hygiene practice.

Respiratory protection

None necessary under normal conditions.

Hand Protection

Neoprene gloves. Nitrile rubber.

Eye protection

ANSI approved safety glasses or splash goggles are recommended.

Skin and body protection

None necessary under normal conditions.

Other Protective Equipment

An apron should be worn to prevent skin contact. Rubber boots.

9. PHYSICAL AND CHEMICAL PROPERTIES

Form	Solid
Color	Translucent White
Odor	Mild
Odor Threshold	No information available
pH	No data available
Specific Gravity	1.03
Vapor pressure	Not Applicable
Vapor density	Not Applicable
Evaporation Rate	Not Applicable
Water solubility	Insoluble
Partition Coefficient (n-octanol/water)	No data available
Boiling point/range °C	Not Applicable
Boiling point/range °F	Not Applicable
Melting point/range °C	Not Applicable
Melting point/range °F	Not Applicable
Flash point °C	298
Flash point °F	570

10. STABILITY AND REACTIVITY

Stability

Stable.

Conditions to avoid

Do not heat above flash point. Do not use near welding arcs.

Incompatibility

Strong oxidizing agents.

Hazardous Decomposition Products

Silicone dioxide.

Polymerization

Will not occur.

11. TOXICOLOGICAL INFORMATION

Component Information

Chemical Name	LD50 (oral, rat)	LD50 (dermal, rat/rabbit)	LC50 (inhalation, rat)
<i>Dimethyl Polysiloxane 63148-62-9</i>	17 g/kg	2 g/kg	-
<i>Synthetic oil - (N.J.T.S.R.N. 80100362-5004P) Proprietary</i>	-	-	-
<i>Synthetic oil - (N.J.T.S.R.N. 80100362-5058P) Proprietary</i>	-	-	-

Synergistic Products

None known.

Potential health effects**Sensitization**

None known.

Chronic toxicity

None known.

Mutagenic effects

None known.

Teratogenic effects

None known.

Reproductive toxicity

None known.

Target Organ Effects

See Section 2.

Carcinogenic effects

See table below.

Chemical Name	ACGIH OEL - Carcinogens	IARC	NTP - Known Carcinogens	NTP - Suspected Human Carcinogens	OSHA RTK Carcinogens
Dimethyl Polysiloxane	Not Listed	Not Listed	Not Listed	Not Listed	Not Listed
Synthetic oil - (N.J.T.S.R.N. 80100362-5004P)	Not Listed	Not Listed	Not Listed	Not Listed	Not Listed
Synthetic oil - (N.J.T.S.R.N. 80100362-5058P)	Not Listed	Not Listed	Not Listed	Not Listed	Not Listed

12. ECOLOGICAL INFORMATION

Ecotoxicity effects No information available

13. DISPOSAL CONSIDERATIONS

Waste from residues / unused products
Dispose in accordance with federal, state, and local regulations.

14. TRANSPORTATION INFORMATION

DOT

Not Regulated

TDG

Not Regulated

15. REGULATORY INFORMATION

US EPA SARA 313

State Regulations

Chemical Name	New Jersey - RTK	Pennsylvania - RTK	California Prop. 65
Dimethyl Polysiloxane	Not Listed	Not Listed	Not Listed
Synthetic oil - (N.J.T.S.R.N.80100362-5004P)	Not Listed	Not Listed	Not Listed
Synthetic oil - (N.J.T.S.R.N. 80100362-5058P)	Not Listed	Not Listed	Not Listed

International Inventories

Chemical Name	EINECS	DSL	NDSL	TSCA	Dimethyl Polysiloxane
-	X	-	X	Synthetic oil - (N.J.T.S.R.N.80100362-5004P)	-
-	-	-	Synthetic oil - (N.J.T.S.R.N. 80100362-5058P)	-	-
-	-	-	-	-	-

CPR

This product has been classified in accordance with the hazard criteria of the Controlled Product Regulations and the MSDS contains all of the information required by the Controlled Product Regulations.

16. OTHER INFORMATION

NFPA

Health - 1
Flammability - 1
Reactivity - 1

Prepared By

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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.