Safety Data Sheet

Issue date 30-Jul-2018 **Revision date** 30-Jul-2018 **Revision Number** 1

1. IDENTIFICATION

Product identification

Product identifier	Lawson Lubri-Pack Pump and Valve Packing
Other means of identification	P33347
Recommended use	Sealant
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)

2. HAZARD(S) IDENTIFICATION

Hazard Classification While this material is not classified as hazardous under OSHA 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

Response Not applicable

Storage Not applicable

Disposal Not applicable

Hazard(s) Not Otherwise Classified (HNOC) None known.

Physical Hazards Not None known.

Otherwise Classified (PHNOC)

Unknown acute toxicity None known

3. COMPOSITION/INFORMATION ON INGREDIENTS

Composition Mixture.

Chemical name	CAS-No	Weight %
Polytetrafluoroethylene	9002-84-0	80
Graphite	7782-42-5	15
Dimethyl Polysiloxane	63148-62-9	5

4. FIRST-AID MEASURES

Necessary first-aid measures

Inhalation Stop source of inhalation. Remove to fresh air.

Ingestion No specific treatment is necessary since this material is not likely to be hazardous by ingestion.

Skin contact Wash area thoroughly with soap and water.

Eye contact Flush eyes with plenty of water.

Most important symptoms (acute) Not applicable.

Most important symptoms (over-exposure) Not applicable.

Indication of any immediate medical attention and special treatment needed Not applicable.

5. FIRE-FIGHTING MEASURES

Suitable extinguishing media Dry Chemical, Carbon Dioxide, Foam or Water Fog.

Unsuitable extinguishing media None known.

Specific hazards Hazardous Thermal Decomposition Products:. Hydrogen fluoride fumes. Carbon monoxide. Carbonyl Fluoride.

Special protective equipment for fire-fighters Does not burn without an external flame. Wear self-contained breathing apparatus and protective clothing to protect from hydrogen fluoride fumes which react with water to form hydrofluoric acid.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures No special environmental precautions required.

Methods and materials for containment and cleaning up

Clean up with absorbent material and place in closed containers for disposal.

7. HANDLING AND STORAGE

Precautions for safe handling

No special handling procedures needed.

Conditions for safe storage, including any incompatibilities

Not applicable.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Control parameters

Chemical name	OSHA PEL (TWA)	ACGIH OEL (TWA)	NIOSH - TWA
Polytetrafluoroethylene	-	-	-
Graphite	15 mg/m³ TWA 5 mg/m³ TWA	2 mg/m³ TWA	2.5 mg/m³ TWA
Dimethyl Polysiloxane	-	-	-

Appropriate engineering controls

Not applicable.

Individual protection measures, such as personal protective equipment

Eye protection

None necessary under normal use conditions.

Skin and body protection

None necessary under normal conditions.

Respiratory protection

None necessary under normal conditions.

Hygiene measures

Wash hands after handling the product. Washing hands, face, neck and arms thoroughly before eating or smoking is recommended.

Canadian Province Occupational Exposure Limits

Chemical name	Alberta OEL	British Columbia OEL	Manitoba OEL	New Brunswick - OEL	Newfoundland & Labrador - OEL	Nova Scotia - OEL	Ontario OEL	Prince Edward Island - OEL	Quebec OEL	Saskatchewan - OEL
Polytetrafluoroethylene	-	-	-	-	-	-	-	-	2.5 mg/m³ TWAEV	-
Graphite	2 mg/m³ TWA	2 mg/m³ TWA	2 mg/m³ TWA	2 mg/m³ TWA	2 mg/m³ TWA	2 mg/m³ TWA	2 mg/m³ TWA	2 mg/m³ TWA	2 mg/m³ TWAEV	4 mg/m³ STEL 2 mg/m³ TWA
Dimethyl Polysiloxane	-	-	-	-	-	-	-	-	-	-

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical state	Solid
Color	Black
Odor	Not applicable
Odor threshold	Not available
pH	No data available
Melting point/range °C	342 °C
Melting point/range °F	650 °F
Boiling point/range °C	Not available
Boiling point/range °F	Not available
Flash point °C / °F	No data 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	Not available
Solubility	Insoluble in 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	Stable at normal temperatures.
Chemical stability	Stable.
Possibility of hazardous reactions	May react with molten alkali metals.
Conditions to avoid	Not applicable.

Incompatible materials Not available.

Hazardous decomposition products Hazardous Thermal Decomposition Products:. hydrogen fluoride. Carbon monoxide. Carbonyl Fluoride.

11. TOXICOLOGICAL INFORMATION

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

Symptoms None under normal use conditions. Inhalation of dust from this product may cause cough, dyspnea, black sputum.

Delayed and immediate effects as well as chronic effects from short and long-term exposure Prolonged or repeated breathing of graphite dust can result in pneumoconiosis. Target Organ Effects:. May cause respiratory irritation. Graphite dusts can aggravate diseases of the respiratory and cardiovascular systems.

Numerical measures of toxicity

Chemical name	Inhalation LC50:	Dermal LD50:	Oral LD50:
Polytetrafluoroethylene	-	-	-
Graphite	-	-	> 10000 mg/kg (Rat)
Dimethyl Polysiloxane	-	> 2 g/kg (Rabbit)	> 17 g/kg (Rat) > 24 g/kg (Rat)

ATEmix (dermal) Not available

ATEmix (oral) Not available

ATEmix (inhalation-gas) Not available

ATEmix (inhalation-vapor) Not available

ATEmix (inhalation-dust/mist) Not available

Carcinogenicity

Chemical name	ACGIH OEL - Carcinogens	IARC	OSHA RTK Carcinogens	NTP
Polytetrafluoroethylene	-	Group 3	-	-
Graphite	-	-	-	-
Dimethyl Polysiloxane	-	-	-	-

Canadian Province carcinogenicity limits

Chemical name	Alberta - Carcinogen	British Columbia - Carcinogen	Manitoba - Carcinogen	New Brunswick - Carcinogen	Nova Scotia - Carcinogen	Quebec - Carcinogen
Polytetrafluoroethylene	-	-	-	-	-	-
Graphite	-	-	-	-	-	-
Dimethyl Polysiloxane	-	-	-	-	-	-

12. ECOLOGICAL INFORMATION

Ecotoxicity

Chemical name	Algae/aquatic plants	Fish
Polytetrafluoroethylene	-	-
Graphite	-	-
Dimethyl Polysiloxane	-	-

Persistence and degradability No data available.

Bioaccumulation

Chemical name	CAS-No	Partition coefficient (log Kow)
Polytetrafluoroethylene 9002-84-0	9002-84-0	-
Graphite 7782-42-5	7782-42-5	-
Dimethyl Polysiloxane 63148-62-9	63148-62-9	-

Mobility in soil Not available.

Other adverse effects No known significant effects or critical hazards.

13. DISPOSAL CONSIDERATIONS

Disposal information Uncontaminated product is not considered to be a hazardous waste in the US. Incinerate the material under controlled conditions in an approved incinerator. Incinerate only if incinerator is capable of scrubbing out hydrogen fluoride and other acidic combustion products. Collect, transport, store or dispose in accordance with local, state, provincial and federal regulations.

Contaminated packaging Dispose in accordance with local, state and federal regulations.

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
Polytetrafluoroethylene	9002-84-0	-	-	-
Graphite	7782-42-5	-	-	-
Dimethyl Polysiloxane	63148-62-9	-	-	-

Special Precautions Always transport in closed containers that are upright and secure. Ensure that persons transporting the product know what to do in the event of an accident or spillage.

15. REGULATORY INFORMATION

State regulations

U.S. state Right-to-Know regulations

Chemical name	CAS-No	Massachusetts - RTK	New Jersey - RTK	Pennsylvania - RTK
Polytetrafluoroethylene	9002-84-0	-	-	X
Graphite	7782-42-5	X	X	X
Dimethyl Polysiloxane	63148-62-9	-	-	-

California Prop. 65

Chemical name	CAS-No	California Prop. 65
Polytetrafluoroethylene	9002-84-0	-
Graphite	7782-42-5	-
Dimethyl Polysiloxane	63148-62-9	-

California Proposition 65 This product does not contain any Proposition 65 chemicals

U.S. Federal Regulations

US EPA SARA 313

Chemical name	CAS-No	CERCLA/SARA Hazardous Substances RQ	SARA 313 - Threshold Values
Polytetrafluoroethylene	9002-84-0	-	-
Graphite	7782-42-5	-	-
Dimethyl Polysiloxane	63148-62-9	-	-

US EPA SARA 311/312 hazardous categorization Not applicable

International inventories All components of this product are listed on the following inventories: U.S.A. (TSCA 8(b)), Canada (DSL/NDSL) or are exempt.

Chemical name	DSL/NDSL	Inventory - United States - Section 8(b) Inventory (TSCA)	U.S. - TSCA (Toxic Substances Control Act) - Section 12(b) - Export Notification
Polytetrafluoroethylene	X	X	-
Graphite	X	X	-

Chemical name	DSL/NDSL	Inventory - United States - Section 8(b) Inventory (TSCA)	U.S. - TSCA (Toxic Substances Control Act) - Section 12(b) - Export Notification
Dimethyl Polysiloxane	X	X	-

Legend X - Listed

16. OTHER INFORMATION

NFPA

Health	Not available
Flammability	Not available
Instability	Not available

HMIS

Health	Not available
Flammability	Not available
Physical hazards	Not available

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 & Coatings Association (NPCA).

Prepared by Regulatory Affairs

Issue date 30-Jul-2018

Revision date 30-Jul-2018

Revision note

Key to abbreviations

ACGIH (American Conference of Governmental Industrial Hygienists)
ATE (Average Toxicity Estimate)
DSL/NDSL (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 Orgnaization)
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