Safety Data Sheet

Issue date 06-Jun-2018 **Revision date** 06-Jun-2018 **Revision Number** 1

1. IDENTIFICATION

Product identification

Product identifier	Lawson Tefseal Pipe Sealant with PTFE
Other means of identification	87138
Recommended use	Adhesive
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 This material is considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200).

Acute toxicity - Oral	Category 4
Skin corrosion/irritation	Category 2
Serious eye damage/eye irritation	Category 2A
Specific target organ toxicity (single exposure)	Category 3

Symbol

Signal word WARNING

Hazard statements

H302 - Harmful if swallowed
H315 - Causes skin irritation
H319 - Causes serious eye irritation
H335 - May cause respiratory irritation

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
P260 - Do not breathe dust/fume/gas/mist/vapors/spray
P264 - Wash face, hands and any exposed skin thoroughly after handling
P280 - Wear protective gloves and eye/face protection
P270 - Do not eat, drink or smoke when using this product
P271 - Use only outdoors or in a well-ventilated area

Response

General
P321 - Specific treatment (see supplemental first aid instructions on this label)

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
P337 + P313 - If eye irritation persists: Get medical advice/attention

Skin
P302 + P352 - IF ON SKIN: Wash with plenty of soap and water
P332 + P313 - If skin irritation occurs: Get medical advice/attention
P362 - Take off contaminated clothing and wash before reuse

Inhalation
P304 + P340 - IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing
P342 + P311 - If experiencing respiratory symptoms: Call a POISON CENTER or doctor/physician

Ingestion
P301 + P312 - IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell
P330 - Rinse mouth

Fire
P374 - Fight fire with normal precautions from a reasonable distance

Spill
P391 - Collect spillage

Storage
P405 - Store locked up
P403 + P233 - Store in a well-ventilated place. Keep container tightly closed

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

Composition
This product is a mixture of the substances listed below with nonhazardous additions.

Chemical name	CAS-No	Weight %
Polyethylene glycol 200 dimethacrylate	N/A	25 - 50
Oleic acid 5.5 EO	9004-96-0	25 - 50
Cellulose Acetate Butyrate	9004-36-8	2.5 - <10

Cumene hydroperoxide	80-15-9	0.1 - <1
Titanium dioxide	13463-67-7	<1
Saccharin	81-07-2	<1
Cumene	98-82-8	<1
Acetophenone	98-86-2	<1
.alpha.-Methyl styrene	98-83-9	<1

4. FIRST-AID MEASURES

Necessary first-aid measures

Inhalation Move to fresh air. If symptoms persist, call a physician.

Ingestion Immediate medical attention is required.

Skin contact No specific treatment is necessary since this material is not likely to be hazardous by skin contact.

Eye contact Rinse thoroughly with plenty of water, also under the eyelids.

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 None known.

5. FIRE-FIGHTING MEASURES

Suitable extinguishing media Carbon dioxide (CO2). Dry powder. Water spray. Fight larger fires with water spray or alcohol resistant foam.

Unsuitable extinguishing media None known.

Specific hazards No information available.

Special protective equipment for fire-fighters No special measures are required.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures 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 Ensure adequate ventilation. Absorb with liquid-binding material (sand, diatomite, universal binders). For waste disposal, see section 13 of the SDS.

7. HANDLING AND STORAGE

Precautions for safe handling Ensure adequate ventilation. Provide local exhaust ventilation. Prevent formation of aerosols.

Conditions for safe storage, including any incompatibilities

No known incompatibilities.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Control parameters

Chemical name	OSHA PEL (TWA)	ACGIH OEL (TWA)	NIOSH - TWA
Polyethylene glycol 200 dimethacrylate	-	-	-
Oleic acid 5.5 EO	-	-	-
Cellulose Acetate Butyrate	-	-	-
Cumene hydroperoxide	-	-	-
Titanium dioxide	15 mg/m³ TWA	10 mg/m³ TWA	-
Saccharin	-	-	-
Cumene	Skin 50 ppm TWA 245 mg/m³ TWA	50 ppm TWA	50 ppm TWA 245 mg/m³ TWA
Acetophenone	-	10 ppm TWA	-
.alpha.-Methyl styrene	100 ppm Ceiling 480 mg/m³ Ceiling	10 ppm TWA	100 ppm STEL 485 mg/m³ STEL 50 ppm TWA 240 mg/m³ TWA

Appropriate engineering controls

Ensure adequate ventilation.

Individual protection measures, such as personal protective equipment

Eye protection

Goggles are recommended during refilling.

Skin and body protection

Chemical-resistant, impervious gloves (Nitrile or Viton) complying with an approved standard should be worn at all times when handling chemical products if a risk assessment indicates this is necessary. Considering the parameters specified by the glove manufacturer, check during use the the gloves are still retaining their protective properties. It should be noted that the time to breakthrough for any glove material may be different for different glove manufacturers. In the case of mixtures, consisting of several substances, the protection time of the gloves cannot be accurately estimated.

Respiratory protection

None under normal use. Avoid breathing vapors. In restricted areas, use approved chemical/mechanical filters designed to remove a combination of particles and vapors. In confined areas, use an approved air line respirator or hood. Self-contained breathing apparatus is required for vapor concentrations above PEL/TLV limits.

Hygiene measures

Keep away from food, drink and animal feeding stuffs. Wash hands before breaks and at the end of workday.

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
Polyethylene glycol 200 dimethacrylate	-	-	-	-	-	-	-	-	-	-
Oleic acid 5.5 EO	-	-	-	-	-	-	-	-	-	-
Cellulose Acetate	-	-	-	-	-	-	-	-	-	-

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
Butyrate										
Cumene hydroperoxide	-	-	-	-	-	-	-	-	-	-
Titanium dioxide	10 mg/m³ TWA	10 mg/m³ TWA 3 mg/m³ TWA	10 mg/m³ TWA	10 mg/m³ TWA	10 mg/m³ TWA	10 mg/m³ TWA	10 mg/m³ TWA	10 mg/m³ TWA	10 mg/m³ TWAEV	20 mg/m³ STEL 10 mg/m³ TWA
Saccharin	-	-	-	-	-	-	-	-	-	-
Cumene	50 ppm TWA 246 mg/m³ TWA	75 ppm STEL 25 ppm TWA	50 ppm TWA	50 ppm TWA 246 mg/m³ TWA	50 ppm TWA	50 ppm TWA	50 ppm TWA	50 ppm TWA	50 ppm TWAEV 246 mg/m³ TWAEV	74 ppm STEL 50 ppm TWA
Acetophenone	10 ppm TWA 49 mg/m³ TWA	10 ppm TWA	10 ppm TWA	10 ppm TWA 49 mg/m³ TWA	10 ppm TWA	10 ppm TWA	10 ppm TWA	10 ppm TWA	10 ppm TWAEV 49 mg/m³ TWAEV	15 ppm STEL 10 ppm TWA
.alpha.-Methyl styrene	100 ppm STEL 483 mg/m³ STEL 50 ppm TWA 242 mg/m³ TWA	10 ppm TWA	10 ppm TWA	100 ppm STEL 483 mg/m³ STEL 50 ppm TWA 242 mg/m³ TWA	10 ppm TWA	10 ppm TWA	10 ppm TWA	10 ppm TWA	100 ppm STEV 483 mg/m³ STEV 50 ppm TWAEV 242 mg/m³ TWAEV	100 ppm STEL 50 ppm TWA

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical state Liquid

Odor Characteristic

Odor threshold Not available

pH Not available

Melting point/range °C Not available

Melting point/range °F Not applicable

Boiling point/range °C >149 °C

Boiling point/range °F >300 °F

Flash point °C >94

Flash point °F >201

Flash point method used Not available

Evaporation rate Not applicable

Flammability (Solid, Gas) Not applicable

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	No data available
Autoignition temperature °F	No data available
Decomposition temperature °C	Not available
Decomposition temperature °F	Not available
Viscosity	Not available

10. STABILITY AND REACTIVITY

Reactivity	Not available.
Chemical stability	Not available.
Possibility of hazardous reactions	None known.
Conditions to avoid	Not available.
Incompatible materials	Not available.
Hazardous decomposition products	Under normal conditions of storage and use, hazardous decomposition products should not be produced.

11. TOXICOLOGICAL INFORMATION

Information on likely routes of exposure	Not applicable.
Symptoms	No information available.
Delayed and immediate effects as well as chronic effects from short and long-term exposure	Not applicable.

Numerical measures of toxicity

Chemical name	Inhalation LC50:	Dermal LD50:	Oral LD50:
Polyethylene glycol 200 dimethacrylate	-	-	-
Oleic acid 5.5 EO	-	-	-
Cellulose Acetate Butyrate	-	-	-
Cumene hydroperoxide	= 220 ppm (Rat) 4 h	= 0.126 mL/kg (Rabbit)	= 382 mg/kg (Rat)
Titanium dioxide	-	-	> 10000 mg/kg (Rat)
Saccharin	-	-	= 14200 mg/kg (Rat)
Cumene	> 3577 ppm (Rat) 6 h =	= 12300 µL/kg (Rabbit)	= 1400 mg/kg (Rat)

Chemical name	Inhalation LC50:	Dermal LD50:	Oral LD50:
	39000 mg/m^3 (Rat) 4 h		
Acetophenone	> 2.130 mg/L (Rat) 8 h	= 1760 mg/kg (Rabbit)	= 815 mg/kg (Rat) = 900 mg/kg (Rat)
.alpha.-Methyl styrene	-	-	= 4900 mg/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
Polyethylene glycol 200 dimethacrylate	-	-	-	-
Oleic acid 5.5 EO	-	-	-	-
Cellulose Acetate Butyrate	-	-	-	-
Cumene hydroperoxide	-	-	-	-
Titanium dioxide	A4	Group 2B	Listed	-
Saccharin	-	Group 3	-	-
Cumene	-	Group 2B	Listed	Reasonably Anticipated
Acetophenone	-	-	-	-
.alpha.-Methyl styrene	A3	Group 2B	Listed	-

Canadian Province carcinogenicity limits

Chemical name	Alberta - Carcinogen	British Columbia - Carcinogen	Manitoba - Carcinogen	New Brunswick - Carcinogen	Nova Scotia - Carcinogen	Quebec - Carcinogen
Polyethylene glycol 200 dimethacrylate	-	-	-	-	-	-
Oleic acid 5.5 EO	-	-	-	-	-	-
Cellulose Acetate Butyrate	-	-	-	-	-	-
Cumene hydroperoxide	-	-	-	-	-	-
Titanium dioxide	-	IARC 2B	ACGIH A4	ACGIH A4	ACGIH A4	-
Saccharin	-	-	-	-	-	-
Cumene	-	IARC 2B	-	-	-	-
Acetophenone	-	-	-	-	-	-
.alpha.-Methyl styrene	-	IARC 2B	ACGIH A3	-	ACGIH A3	-

12. ECOLOGICAL INFORMATION

Ecotoxicity

Chemical name	Algae/aquatic plants	Fish
Polyethylene glycol 200 dimethacrylate	-	-
Oleic acid 5.5 EO	-	-
Cellulose Acetate Butyrate	-	-
Cumene hydroperoxide	-	3.9: 96 h Oncorhynchus mykiss mg/L LC50 static
Titanium dioxide	-	-
Saccharin	-	18300: 96 h Pimephales promelas mg/L LC50
Cumene	2.6: 72 h Pseudokirchneriella subcapitata mg/L EC50	6.04 - 6.61: 96 h Pimephales promelas mg/L LC50 flow-through 2.7: 96 h Oncorhynchus mykiss mg/L LC50 semi-static 5.1: 96 h Poecilia reticulata mg/L LC50 semi-static 4.8: 96 h Oncorhynchus mykiss mg/L LC50 flow-through
Acetophenone	-	162: 96 h Pimephales promelas mg/L LC50 flow-through 155: 96 h Pimephales promelas mg/L LC50 static
.alpha.-Methyl styrene	-	28: 48 h Leuciscus idus mg/L LC50

Persistence and degradability Not available.

Bioaccumulation

Chemical name	CAS-No	Partition coefficient (log Kow)
Polyethylene glycol 200 dimethacrylate N/A	N/A	-
Oleic acid 5.5 EO 9004-96-0	9004-96-0	-
Cellulose Acetate Butyrate 9004-36-8	9004-36-8	-
Cumene hydroperoxide 80-15-9	80-15-9	-
Titanium dioxide 13463-67-7	13463-67-7	-
Saccharin 81-07-2	81-07-2	-
Cumene 98-82-8	98-82-8	3.7
Acetophenone 98-86-2	98-86-2	1.7
.alpha.-Methyl styrene 98-83-9	98-83-9	3.265

Mobility in soil Not available.

Other adverse effects Do not allow product to reach sewage system, soil, surface or ground water, or any water course. Notify proper authorities if entry occurs

13. DISPOSAL CONSIDERATIONS

Disposal information Must not be disposed of together with household garbage. Do not allow product to reach sewage system.

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

14. TRANSPORTATION INFORMATION

Shipping Descriptions

DOT

Proper shipping name Not regulated
Subsidiary Risk
Packing group

TDG

ID-No
Proper shipping name Not regulated
Hazard Class(es)
Subsidiary Risk
Packing group

IATA

Proper shipping name Not regulated
Subsidiary Risk
Packing group

IMDG/IMO

ID-No
Proper shipping name Not regulated
Hazard Class(es)
Subsidiary Risk
Packing group
EmS No

Marine Pollutants

Chemical name	CAS-No	USDOT Marine Pollutant	Canada TDG Marine Pollutant	IMDG Marine Pollutant
Polyethylene glycol 200 dimethacrylate	N/A	-	-	-
Oleic acid 5.5 EO	9004-96-0	-	-	-
Cellulose Acetate Butyrate	9004-36-8	-	-	-
Cumene hydroperoxide	80-15-9	-	-	-
Titanium dioxide	13463-67-7	-	-	-
Saccharin	81-07-2	-	-	-
Cumene	98-82-8	-	-	-
Acetophenone	98-86-2	-	-	-
.alpha.-Methyl styrene	98-83-9	X	-	-

Special Precautions

Multi-modal shipping descriptions are provided for informational purposes and do not consider container size. The presence of a shipping description for a particular mode of transport (sea, air, etc.), does not indicate that the product is packaged suitably for that mode of transport. All packaging must be reviewed for suitability prior to shipment, and compliance with the applicable regulations is the sole responsibility of the person offering the product for transport. People loading and unloading dangerous goods must be trained on all of the risks deriving from the substances and on all actions in case of emergency situations.

15. REGULATORY INFORMATION

State regulations

U.S. state Right-to-Know regulations

Chemical name	CAS-No	Massachusetts - RTK	New Jersey - RTK	Pennsylvania - RTK
Polyethylene glycol 200 dimethacrylate	N/A	-	-	-
Oleic acid 5.5 EO	9004-96-0	-	-	-
Cellulose Acetate Butyrate	9004-36-8	-	-	-
Cumene hydroperoxide	80-15-9	X	X	X
Titanium dioxide	13463-67-7	X	X	X
Saccharin	81-07-2	X	X	X
Cumene	98-82-8	X	X	X
Acetophenone	98-86-2	X	X	X
.alpha.-Methyl styrene	98-83-9	X	X	X

California Prop. 65

Chemical name	CAS-No	California Prop. 65
Polyethylene glycol 200 dimethacrylate	N/A	-
Oleic acid 5.5 EO	9004-96-0	-
Cellulose Acetate Butyrate	9004-36-8	-
Cumene hydroperoxide	80-15-9	-
Titanium dioxide	13463-67-7	Carcinogen
Saccharin	81-07-2	-
Cumene	98-82-8	Carcinogen
Acetophenone	98-86-2	-
.alpha.-Methyl styrene	98-83-9	Carcinogen

U.S. Federal Regulations

US EPA SARA 313

Chemical name	CAS-No	CERCLA/SARA Hazardous Substances RQ	SARA 313 - Threshold Values
Polyethylene glycol 200 dimethacrylate	N/A	-	-
Oleic acid 5.5 EO	9004-96-0	-	-
Cellulose Acetate Butyrate	9004-36-8	-	-
Cumene hydroperoxide	80-15-9	10 lb 4.54 kg	1.0 %
Titanium dioxide	13463-67-7	-	-
Saccharin	81-07-2	-	1.0 %
Cumene	98-82-8	5000 lb 2270 kg	1.0 %
Acetophenone	98-86-2	5000 lb 2270 kg	1.0 %
.alpha.-Methyl styrene	98-83-9	-	-

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
Polyethylene glycol 200 dimethacrylate	-	-	-
Oleic acid 5.5 EO	X	X	-
Cellulose Acetate Butyrate	X	X	-
Cumene hydroperoxide	X	X	-
Titanium dioxide	X	X	-
Saccharin	X	X	-
Cumene	X	X	-
Acetophenone	X	X	-
.alpha.-Methyl styrene	X	X	-

Legend X - Listed

16. OTHER INFORMATION

NFPA

Health	2
Flammability	1
Instability	0

HMIS

Health	2
Flammability	1
Physical hazards	0

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 06-Jun-2018

Revision date 06-Jun-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