Safety Data Sheet

Issue date 06-Jun-2018 **Revision date** 06-Feb-2020 **Revision Number** 2

1. IDENTIFICATION

Product identification

Product identifier	Lawson Tefseal Pipe Sealant with PTFE
Other means of identification	84779
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)

Website https://www.lawsonproducts.com

2. HAZARD(S) IDENTIFICATION

Hazard Classification This material is considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200), WHMIS 2015 and GHS Regulations.

Skin corrosion/irritation	Category 2
Serious eye damage/eye irritation	Category 2A
Skin sensitization	Category 1
Carcinogenicity	Category 2
Specific target organ toxicity (single exposure)	Category 3
Specific target organ toxicity (repeated exposure)	Category 2

Symbol

Signal word WARNING

Hazard statements
H315 - Causes skin irritation
H317 - May cause an allergic skin reaction
H319 - Causes serious eye irritation

H335 - May cause respiratory irritation
H351 - Suspected of causing cancer
H373 - May cause damage to organs through prolonged or repeated exposure

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

P201 - Obtain special instructions before use
P202 - Do not handle until all safety precautions have been read and understood
P260 - Do not breathe dust/fume/gas/mist/vapors/spray
P271 - Use only outdoors or in a well-ventilated area
P264 - Wash face, hands and any exposed skin thoroughly after handling
P280 - Wear protective gloves/protective clothing and eye/face protection
P272 - Contaminated work clothing should not be allowed out of the workplace

Response

General

P308 + P313 - IF exposed or concerned: Get medical advice/attention

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
P333 + P313 - If skin irritation or rash occurs: Get medical advice/attention
P362 - Take off contaminated clothing and wash before reuse
P321 - For Specific treatment see section 4 of this sds

Inhalation

P304 + P340 - IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing
P312 - Call a POISON CENTER or doctor if you feel unwell

Storage

P405 - Store locked up

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

Mixture.

Chemical name	CAS-No	Weight %
polyethylene glycol dimethacrylate	25852-47-5	30-50
Oleic acid 5.5 EO	9004-96-0	25 - 50
Titanium dioxide	13463-67-7	1-5
Cumene hydroperoxide	80-15-9	1-3
Cumene	98-82-8	<1
alpha.-Methyl styrene	98-83-9	<1

4. FIRST-AID MEASURES

Necessary first-aid measures

General Information	Show this safety data sheet to the doctor in attendance.
Inhalation	Move to fresh air. Keep warm and quiet. If symptoms persist, call a physician.
Ingestion	Call a physician or Poison Control Center immediately. Do not induce vomiting without medical advice.
Skin contact	Wash off immediately with soap and plenty of water. Seek medical attention if irritation occurs. If skin irritation persists, call a physician.
Eye contact	Rinse thoroughly with plenty of water, also under the eyelids. Seek medical attention.
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	Dry Chemical, Carbon Dioxide, Foam or Water Fog.
Unsuitable extinguishing media	Full water jet.
Specific hazards	Hazardous Thermal Decomposition Products:. Nitrogen oxides (NOx). Oxides of sulfur.
Special protective equipment for fire-fighters	Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with full face-piece operated in positive pressure mode.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures	Ensure adequate ventilation, especially in confined areas. Refer to protective measures listed in sections 7 and 8. Do not let product enter drains. Do not flush into surface water or sanitary sewer system.
Methods and materials for containment and cleaning up	Ensure adequate ventilation. Absorb with liquid-binding material (sand, diatomite, universal binders). Sweep up product. For waste disposal, see section 13 of the SDS.

7. HANDLING AND STORAGE

Precautions for safe handling	Use only with adequate ventilation. Wear personal protective equipment. Do not get in eyes, on skin, or on clothing. Keep away from heat, sparks, flame and other sources of ignition (i.e. pilot lights, electric motors and static electricity).
Conditions for safe storage, including any incompatibilities	Keep containers tightly closed in a dry, cool and well-ventilated place. Store in original container. Do not store together with oxidizing and self-igniting products.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Control parameters

Chemical name	OSHA PEL (TWA)	ACGIH OEL (TWA)	NIOSH - TWA
polyethylene glycol dimethacrylate	-	-	-
Oleic acid 5.5 EO	-	-	-
Titanium dioxide	15 mg/m³ TWA	10 mg/m³ TWA	2.4 mg/m³ TWA 0.3 mg/m³ TWA
Cumene hydroperoxide	-	-	-
Cumene	50 ppm TWA 245 mg/m³ TWA	50 ppm TWA	50 ppm TWA 245 mg/m³ TWA
alpha.-Methyl styrene	-	10 ppm TWA	50 ppm TWA 240 mg/m³ TWA

Appropriate engineering controls Ensure adequate ventilation.

Individual protection measures, such as personal protective equipment

Eye protection Tightly fitting safety goggles. Ensure that eyewash stations and safety showers are close to the workstation location.

Skin and body protection Long sleeved clothing. Wear appropriate clothing to prevent skin contact. Neoprene gloves. Nitrile gloves. Butyl rubber gloves.

Respiratory protection Use respiratory protection unless adequate local exhaust ventilation is provided or exposure assessment demonstrates that exposures are within recommended exposure guidelines. Wear a NIOSH approved organic vapor respirator.

Hygiene measures Avoid contact with skin, eyes and clothing.

Canadian Province Occupational Exposure Limits

Chemical name	AB	BC	MB	NB	NL	NS	ON	PE	QC	SK
polyethylene glycol dimethacrylate	-	-	-	-	-	-	-	-	-	-
Oleic acid 5.5 EO	-	-	-	-	-	-	-	-	-	-
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	10 mg/m³ TWA
Cumene hydroperoxide	-	-	-	-	-	-	-	-	-	-
Cumene	50 ppm TWA 246 mg/m³ TWA	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	50 ppm TWA
alpha.-Methyl styrene	50 ppm TWA 242 mg/m³ TWA	10 ppm TWA	10 ppm TWA	50 ppm TWA 242 mg/m³ TWA	10 ppm TWA	10 ppm TWA	10 ppm TWA	10 ppm TWA	50 ppm TWAEV 242 mg/m³ TWAEV	50 ppm TWA

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical state Liquid

Color Off-white

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	No data available
Boiling point/range °F	No data available
Flash point °C / °F	No data available
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	1.1
Solubility	Not available
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	Stable under normal conditions.
Possibility of hazardous reactions	None known.
Conditions to avoid	Not available.
Incompatible materials	Not available.
Hazardous decomposition products	Nitrogen oxides (NOx). Oxides of sulfur.

11. TOXICOLOGICAL INFORMATION

Information on likely routes of exposure Not available.

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 dimethacrylate	-	-	-
Oleic acid 5.5 EO	-	> 25 g/kg Mouse	-
Titanium dioxide	-	> 10000 mg/kg Rat	>10000 mg/kg Rat
Cumene hydroperoxide	220 ppm Rat	= 382 mg/kg Rat 0.126 mL/kg Rabbit	382 mg/kg Rat = 0.126 mL/kg Rabbit
Cumene	>3577 ppm Rat	= 1400 mg/kg Rat 12300 µL/kg Rabbit	1400 mg/kg Rat = 12300 µL/kg Rabbit
alpha.-Methyl styrene	-	= 4900 mg/kg Rat	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 Carcinogens	NTP
polyethylene glycol dimethacrylate	-	-	-	-
Oleic acid 5.5 EO	-	-	-	-
Titanium dioxide	A4	Group 2B	Present	-
Cumene hydroperoxide	-	-	-	-
Cumene	-	Group 2B	Present	Reasonably Anticipated Carcinogen
alpha.-Methyl styrene	A3	Group 2B	Present	-

Canadian Province carcinogenicity limits

Chemical name	Alberta - Carcinogen	British Columbia - Carcinogen	Manitoba - Carcinogen	New Brunswick - Carcinogen	Nova Scotia - Carcinogen	Quebec - Carcinogen
polyethylene glycol dimethacrylate	-	-	-	-	-	-

Chemical name	Alberta - Carcinogen	British Columbia - Carcinogen	Manitoba - Carcinogen	New Brunswick - Carcinogen	Nova Scotia - Carcinogen	Quebec - Carcinogen
Oleic acid 5.5 EO	-	-	-	-	-	-
Titanium dioxide	-	IARC 2B	ACGIH A4	ACGIH A4	ACGIH A4	-
Cumene hydroperoxide	-	-	-	-	-	-
Cumene	-	IARC 2B	-	-	-	-
alpha.-Methyl styrene	-	IARC 2B	ACGIH A3	-	ACGIH A3	-

12. ECOLOGICAL INFORMATION

Ecotoxicity

Chemical name	Algae/aquatic plants	Fish LC50
polyethylene glycol dimethacrylate	-	-
Oleic acid 5.5 EO	-	-
Titanium dioxide	-	-
Cumene hydroperoxide	-	= 3.9mg/L Oncorhynchus mykiss 96h
Cumene	=2.6mg/L Pseudokirchneriella subcapitata 72h	6.04 - 6.61mg/L Pimephales promelas 96h = 2.7mg/L Oncorhynchus mykiss 96h = 4.8mg/L Oncorhynchus mykiss 96h = 5.1mg/L Poecilia reticulata 96h
alpha.-Methyl styrene	-	= 2.97mg/L Danio rerio 96h = 28mg/L Leuciscus idus 48h

Persistence and degradability Not available.

Bioaccumulation

Chemical name	CAS-No	Partition coefficient (log Kow)	Bioconcentration factor (BCF)
polyethylene glycol dimethacrylate 25852-47-5	25852-47-5	-	-
Oleic acid 5.5 EO 9004-96-0	9004-96-0	-	-
Titanium dioxide 13463-67-7	13463-67-7	-	-
Cumene hydroperoxide 80-15-9	80-15-9	-	35.5
Cumene 98-82-8	98-82-8	3.7 (EU2016/266)	35.5 species: fish
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 dimethacrylate	25852-47-5	-	-	-
Oleic acid 5.5 EO	9004-96-0	-	-	-
Titanium dioxide	13463-67-7	-	-	-
Cumene hydroperoxide	80-15-9	-	-	-
Cumene	98-82-8	-	-	-
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 dimethacrylate	25852-47-5	-	-	-
Oleic acid 5.5 EO	9004-96-0	-	-	-
Titanium dioxide	13463-67-7	X	X	X

Chemical name	CAS-No	Massachusetts - RTK	New Jersey - RTK	Pennsylvania - RTK
Cumene hydroperoxide	80-15-9	X	X	X
Cumene	98-82-8	X	X	X
alpha.-Methyl styrene	98-83-9	X	X	X

California Prop. 65

Chemical name	CAS-No	California Prop. 65
polyethylene glycol dimethacrylate	25852-47-5	-
Oleic acid 5.5 EO	9004-96-0	-
Titanium dioxide	13463-67-7	Carcinogen
Cumene hydroperoxide	80-15-9	-
Cumene	98-82-8	Carcinogen
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 dimethacrylate	25852-47-5	-	-
Oleic acid 5.5 EO	9004-96-0	-	-
Titanium dioxide	13463-67-7	-	-
Cumene hydroperoxide	80-15-9	10 lb 4.54 kg	1.0 %
Cumene	98-82-8	5000 lb 2270 kg	0.1 %
alpha.-Methyl styrene	98-83-9	-	-

US EPA SARA 311/312 hazardous categorization Not applicable

TSCA and Canadian Inventories

Chemical name	Inventory - United States - Section 8(b) Inventory (TSCA)	U.S. - TSCA (Toxic Substances Control Act) - Section 12(b) - Export Notification	DSL	NDSL
polyethylene glycol dimethacrylate	X	-	X	-
Oleic acid 5.5 EO	X	-	X	-
Titanium dioxide	X	-	X	-
Cumene hydroperoxide	X	-	X	-
Cumene	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).

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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