



Safety Data Sheet

Issue date 06-Jun-2018

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Revision Number 1

1. IDENTIFICATION

Product identification

Product identifier	Lawson Flexseal Clear RTV Silicone Sealant
Other means of identification	83042
Recommended use	Adhesive, 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

General P102 - Keep out of reach of children
P103 - Read label before use.

Prevention P271 - Use only outdoors or in a well-ventilated area

Response Not applicable

Storage Not applicable

Disposal Not 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 %
Dimethyl Siloxane Hydroxy Terminated	70131-67-8	70-90
Silicon Dioxide - hydrated	7631-86-9	5-10
Petroleum distillates, hydrotreated middle	64742-46-7	5-10
Acetic anhydride	108-24-7	0-0.1
Acetic acid	64-19-7	0-0.1

4. FIRST-AID MEASURES

Necessary first-aid measures

General Information Get medical attention if symptoms occur.

Inhalation Remove to fresh air. Get medical attention if symptoms occur.

Ingestion Do NOT induce vomiting. Get medical attention if symptoms occur. Immediately rinse mouth with water.

Skin contact Wash off immediately with soap and plenty of water. Get medical attention if symptoms occur.

Eye contact Flush eyes with plenty of water. If eye irritation persists: Get medical advice/attention.

Most important symptoms (acute) None known.

Most important symptoms (over-exposure) None known.

Indication of any immediate medical attention and special treatment needed Treat symptomatically. No special precautions are required.

5. FIRE-FIGHTING MEASURES

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

Unsuitable extinguishing media None known.

Specific hazards Exposure to combustion products may be a hazard to health. Hazardous Thermal Decomposition Products: Oxides of carbon. silicon oxides. Formaldehyde.

Special protective equipment for fire-fighters

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment. Water mist may be used to cool closed containers. Remove undamaged containers from fire area if it is safe to do so. Evacuate area. Wear self contained breathing apparatus for fire fighting if necessary. Use personal protective equipment.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

Follow safe handling advice and personal protective equipment recommendations. Should not be released into the environment. Prevent further leakage or spillage if safe to do so. Retain and dispose of contaminated wash water. Local authorities should be advised if significant spillages cannot be contained.

Methods and materials for containment and cleaning up

Soak up with inert absorbent material. For large spills, provide diking or other appropriate containment to keep material from spreading. Take up mechanically and collect in suitable container for disposal. Clean up remaining materials from spill with suitable absorbent. Local or national regulations may apply to releases and disposal of this material, as well as those materials and items employed in the cleanup of releases. You will need to determine which regulations are applicable. For waste disposal, see section 13 of the SDS.

7. HANDLING AND STORAGE

Precautions for safe handling

Use personal protection recommended in Section 8. Use only with adequate ventilation. Handle in accordance with good industrial hygiene and safety practice. Avoid release to the environment.

Conditions for safe storage, including any incompatibilities

Do not store in unlabeled or mislabeled containers. Store and handle in accordance with all current regulations and standards. Store away from oxidizers.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Control parameters

Chemical name	OSHA PEL (TWA)	ACGIH OEL (TWA)	NIOSH - TWA
Dimethyl Siloxane Hydroxy Terminated	-	-	-
Silicon Dioxide - hydrated	-	-	6 mg/m ³ TWA
Petroleum distillates, hydrotreated middle	-	-	-
Acetic anhydride	5 ppm TWA 20 mg/m ³ TWA	3 ppm STEL 1 ppm TWA	-
Acetic acid	10 ppm TWA 25 mg/m ³ TWA	15 ppm STEL 10 ppm TWA	15 ppm STEL 37 mg/m ³ STEL 10 ppm TWA 25 mg/m ³ TWA

Appropriate engineering controls

Processing may form hazardous compounds, refer to section 10. Ensure adequate ventilation, especially in confined areas. Minimize workplace exposure concentrations.

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

Safety glasses.

Skin and body protection

Wash face, hands and any exposed skin thoroughly after handling.

Respiratory protection

Use a NIOSH/MSHA respirator unless adequate local exhaust is provided and air testing shows exposure levels are within recommended exposure guidelines. A respiratory protection program that meets OSHA 1910.134 and ANSI Z88.2 requirements must be followed whenever workplace conditions warrant a respirator's use. Protection provided by

air purifying respirators is limited. Use a positive pressure air supplied respirator if there is any potential for uncontrolled release, exposure levels are unknown, or any other circumstances where air purifying respirators may not provide adequate protection.

Hygiene measures

Ensure that eyewash stations and safety showers are close to the workstation location. When using, do not eat, drink or smoke. Wash contaminated clothing before reuse. These precautions are for room temperature handling. Use at elevated temperature or aerosol or spray applications may require added precautions.

Canadian Province Occupational Exposure Limits

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
Dimethyl Siloxane Hydroxy Terminated	-	-	-	-	-	-	-	-	-	-
Silicon Dioxide - hydrated	-	-	-	-	-	-	-	-	-	-
Petroleum distillates, hydrotreated middle	-	-	-	-	-	-	-	-	-	-
Acetic anhydride	5 ppm Ceiling 21 mg/m ³ Ceiling	3 ppm STEL 1 ppm TWA	1 ppm TWA 3 ppm STEL	5 ppm TWA 21 mg/m ³ TWA	3 ppm STEL 1 ppm TWA	3 ppm STEL 1 ppm TWA	3 ppm STEL 1 ppm TWA	3 ppm STEL 1 ppm TWA	5 ppm TWA 21 mg/m ³ TWA	10 ppm STEL 5 ppm TWA
Acetic acid	15 ppm STEL 37 mg/m ³ STEL 10 ppm TWA 25 mg/m ³ TWA	15 ppm STEL 10 ppm TWA	10 ppm TWA 15 ppm STEL	15 ppm STEL 37 mg/m ³ STEL 10 ppm TWA 25 mg/m ³ TWA	15 ppm STEL 10 ppm TWA	15 ppm STEL 10 ppm TWA	15 ppm STEL 10 ppm TWA	15 ppm STEL 10 ppm TWA	15 ppm STEL 37 mg/m ³ STEL 10 ppm TWA 25 mg/m ³ TWA	15 ppm STEL 10 ppm TWA

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical state	Paste
Color	Colorless
Odor	Acetic acid odor
Odor threshold	Not available
pH	Not applicable
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	>100
Flash point °F	>212

Flash point method used	Closed cup
Evaporation rate	Not applicable
Flammability (Solid, Gas)	Not classified
Lower explosion limit	Not available
Upper explosion limit	Not available
Vapor pressure	Not applicable
Vapor density	Not applicable
Relative density	1.007
Solubility	Not available
Partition coefficient (n-octanol/water)	Not applicable
Autoignition temperature °C	Not applicable
Autoignition temperature °F	Not applicable
Decomposition temperature °C	Not available
Decomposition temperature °F	Not available
Viscosity	Not available

10. STABILITY AND REACTIVITY

Reactivity	The product is stable and not reactive under normal conditions of use, storage and transport.
Chemical stability	Stable under normal conditions.
Possibility of hazardous reactions	Use at elevated temperatures may form highly hazardous compounds. Can react with strong oxidizing agents. Acetic acid is formed upon contact with water or humid air. When heated to temperatures above 300 degrees F in the presence of air, this product can form formaldehyde vapors. Formaldehyde is a potential cancer hazard and known skin and respiratory sensitizer. Ensure adequate ventilation, especially in confined areas. See OSHA formaldehyde standard, 29 CFR 1910.1048.
Conditions to avoid	None known.
Incompatible materials	Oxidizing agents.
Hazardous decomposition products	Formaldehyde.

11. TOXICOLOGICAL INFORMATION

Information on likely routes of exposure	Dermal. Ingestion. Eyes.
Symptoms	Not acutely toxic.
Delayed and immediate effects	Not applicable.

as well as chronic effects from short and long-term exposure

Numerical measures of toxicity

Chemical name	Inhalation LC50:	Dermal LD50:	Oral LD50:
Dimethyl Siloxane Hydroxy Terminated	> 8750 mg/m ³ (Rat) 7 h	> 16 mL/kg (Rabbit)	> 15400 mg/kg (Rat)
Silicon Dioxide - hydrated	> 2.2 mg/L (Rat) 1 h	> 2000 mg/kg (Rabbit)	= 7900 mg/kg (Rat)
Petroleum distillates, hydrotreated middle	= 4.6 mg/L (Rat) 4 h	> 2000 mg/kg (Rabbit)	= 7400 mg/kg (Rat)
Acetic anhydride	= 1000 ppm (Rat) 4 h	= 4000 mg/kg (Rabbit)	= 630 mg/kg (Rat)
Acetic acid	= 11.4 mg/L (Rat) 4 h	= 1060 mg/kg (Rabbit)	= 3310 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
Dimethyl Siloxane Hydroxy Terminated	-	-	-	-
Silicon Dioxide - hydrated	-	Group 3	-	-
Petroleum distillates, hydrotreated middle	-	-	-	-
Acetic anhydride	A4	-	-	-
Acetic acid	-	-	-	-

Canadian Province carcinogenicity limits

Chemical name	Alberta - Carcinogen	British Columbia - Carcinogen	Manitoba - Carcinogen	New Brunswick - Carcinogen	Nova Scotia - Carcinogen	Quebec - Carcinogen
Dimethyl Siloxane Hydroxy Terminated	-	-	-	-	-	-
Silicon Dioxide - hydrated	-	-	-	-	-	-
Petroleum distillates, hydrotreated middle	-	-	-	-	-	-
Acetic anhydride	-	-	ACGIH A4	-	ACGIH A4	-
Acetic acid	-	-	-	-	-	-

12. ECOLOGICAL INFORMATION

Ecotoxicity

Chemical name	Algae/aquatic plants	Fish
Dimethyl Siloxane Hydroxy Terminated	-	-
Silicon Dioxide - hydrated	440: 72 h Pseudokirchneriella subcapitata mg/L EC50	5000: 96 h Brachydanio rerio mg/L LC50 static
Petroleum distillates, hydrotreated middle	-	35: 96 h Pimephales promelas mg/L LC50 flow-through 10000: 96 h Pimephales promelas mg/L LC50 static
Acetic anhydride	-	265: 48 h Leuciscus idus mg/L LC50
Acetic acid	-	75: 96 h Lepomis macrochirus mg/L LC50 static 79: 96 h Pimephales promelas mg/L LC50 static

Persistence and degradability Not available.

Bioaccumulation Not available

Chemical name	CAS-No	Partition coefficient (log Kow)
Dimethyl Siloxane Hydroxy Terminated 70131-67-8	70131-67-8	-
Silicon Dioxide - hydrated 7631-86-9	7631-86-9	-
Petroleum distillates, hydrotreated middle 64742-46-7	64742-46-7	-
Acetic anhydride 108-24-7	108-24-7	-0.27
Acetic acid 64-19-7	64-19-7	-0.31 20 °C

Mobility in soil Not available.

Other adverse effects Not available

13. DISPOSAL CONSIDERATIONS

Disposal information Dispose of in accordance with federal, state and local regulations. This material, as supplied, does not meet the criteria of hazardous waste if discarded in its purchased form.

Contaminated packaging Dispose of as unused product. Empty containers should be taken for local recycling, recovery or waste disposal.

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
Dimethyl Siloxane Hydroxy Terminated	70131-67-8	-	-	-
Silicon Dioxide - hydrated	7631-86-9	-	-	-
Petroleum distillates, hydrotreated middle	64742-46-7	-	-	-
Acetic anhydride	108-24-7	-	-	-
Acetic acid	64-19-7	-	-	-

15. REGULATORY INFORMATION**State regulations****U.S. state Right-to-Know regulations**

Chemical name	CAS-No	Massachusetts - RTK	New Jersey - RTK	Pennsylvania - RTK
Dimethyl Siloxane Hydroxy Terminated	70131-67-8	-	-	-
Silicon Dioxide - hydrated	7631-86-9	X	-	X
Petroleum distillates, hydrotreated middle	64742-46-7	-	-	-
Acetic anhydride	108-24-7	X	X	X
Acetic acid	64-19-7	X	X	X

California Prop. 65

Chemical name	CAS-No	California Prop. 65
Dimethyl Siloxane Hydroxy Terminated	70131-67-8	-
Silicon Dioxide - hydrated	7631-86-9	-
Petroleum distillates, hydrotreated middle	64742-46-7	-
Acetic anhydride	108-24-7	-
Acetic acid	64-19-7	-

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

Chemical name	CAS-No	CERCLA/SARA Hazardous Substances RQ	SARA 313 - Threshold Values
Dimethyl Siloxane Hydroxy Terminated	70131-67-8	-	-
Silicon Dioxide - hydrated	7631-86-9	-	-
Petroleum distillates, hydrotreated middle	64742-46-7	-	-
Acetic anhydride	108-24-7	5000 lb 2270 kg	-
Acetic acid	64-19-7	5000 lb 2270 kg	-

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

Not applicable

International inventories

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 Siloxane Hydroxy Terminated	X	X	-
Silicon Dioxide - hydrated	X	X	-
Petroleum distillates, hydrotreated middle	X	X	-
Acetic anhydride	X	X	-
Acetic acid	X	X	-

16. OTHER INFORMATION**NFPA**

Health	Not available
Flammability	Not available
Instability	Not available

HMIS

Health	1
Flammability	0
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

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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 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