

Victaulic® Lubricant SDS

(Safety Data Sheet)



SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

1.1. Product Identifier

Product name : Victaulic Lubricant
Product type : Lubricant

1.2. Intended Use of The Product

Use of the substance/preparation : A Pipe Joint Lubricant. For professional use only.
Uses advised against : None

1.3. Name, Address, And Telephone of The Responsible Party Company

Company	Manufacturer
Victaulic Company	JTM Products, Inc.
4901 Kesslersville Road	31025 Carter Street
Easton, PA 18045	Solon, OH 44139
610-559-3300	440-287-2302
web: www.victaulic.com	

1.4. Emergency telephone numbers: 24-Hour Emergency Contact

Emergency number : Call CHEMTREC at 1-800-424-9300 (U.S.),
00-1-703-741-5970 (International. Collect calls accepted.)

SECTION 2: HAZARDS IDENTIFICATION

This SDS contains valuable information critical to the safe handling and proper use of the product. This SDS should be retained and available for employees and other users of this product.

2.1. Classification of the Substance or Mixture

Classification (GHS-US) : This material is not classified as hazardous in accordance with OSHA 29 CFR 1910.1200 and the hazard criteria of the Hazardous Products Regulation (HPR).

Signal Word : None

Hazard Statement(s) : Material is not classified as hazardous

Hazard Pictogram(s) : None

Precautionary Statement(s) : P264 Wash hands thoroughly after handling
P271 Use in well-ventilated area
P280 Wear protective gloves/protective clothing/eye protection/face protection.
P304+P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing.
P314 Get medical advice/attention if you feel unwell.
P301+P330+P331 IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.
P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing.

2.2. Description of any hazards otherwise not classified

: None



SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.1. Substances

Not applicable

3.2. Mixtures

Name	CAS No.	Weight % (w/w)
Fatty acids, tall-oil, potassium salts	61790-44-1	70-80
1,2-Propylene glycol	57-55-6	10-20
Mica	12001-26-2	5-10

SECTION 4: DESCRIPTION OF FIRST AID MEASURES

4.1. Description of first aid measures

General	: Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice (show the label where possible).
Eye contact	: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
Skin contact	: Remove contaminated clothing. Gently wash with plenty of soap and water. Wash contaminated clothing before reuse.
Inhalation	: If symptoms occur, go into open air and ventilate suspected area. Keep at rest and in a position comfortable for breathing.
Ingestion	: Rinse mouth. Do NOT induce vomiting.
Note to physicians	: Treat symptomatically.

4.2. Most important symptoms and effects, both acute and delayed

Symptoms/injuries	: Not expected to present a significant health hazard under normal conditions of use.
Symptoms/injuries after eye contact	: May cause eye irritation.
Symptoms/injuries after skin contact	: May cause irritation from prolonged/repeated exposure.
Symptoms/injuries after inhalation	: Not expected to present a significant inhalation hazard.
Symptoms/injuries after ingestion	: May cause gastrointestinal irritation.

4.3. Indication of any immediate medical attention and special treatment needed

If you feel unwell, get medical advice and attention.

SECTION 5: FIREFIGHTING MEASURES

5.1. Fire and explosion hazards

Product is not considered flammable or explosive but may burn at high temperatures.

5.2. Extinguishing media

Suitable extinguishing media	: Use extinguishing media appropriate for surrounding fire.
Unsuitable extinguishing media	: Do not use a heavy water stream as it may spread the fire.

5.3. Special hazards arising from the substance or mixture

Hazardous Combustion Products : Carbon monoxide (CO), Carbon dioxide (CO₂), Silicon oxides.

5.4. Advice for firefighters

Precautionary measures	: Exercise caution when fighting any chemical fire.
Firefighting instructions	: Use water spray or fog for cooling exposed containers.
Protection during firefighting	: Do not enter fire area without proper protective equipment, including respiratory protection.

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1. Personal precautions, protective equipment, and emergency procedures

General measures : Avoid all contact with eyes, skin, or clothing.

6.1.1. Emergency Procedures

Non-emergency Personnel : Use appropriate personal protective equipment (PPE).
Evacuate unnecessary personnel.

Emergency Responders : Equip clean-up crew with proper protection. Ensure adequate ventilation.

6.2. Methods and material for containment and cleaning up

Prevent entry to sewers and public waters. For containment, absorb and/or contain spill with inert material then place in suitable container. Clean up spills immediately and dispose of waste according to local/regional regulatory requirements.

6.3. Reference to other sections

See heading 8, exposure controls and personal protection.

SECTION 7: HANDLING AND STORAGE

7.1. Precautions for safe handling

Precautions for safe handling : Avoid all contact with eyes, skin, or clothing.

Hygiene measures : Handle in accordance with good industrial hygiene and safety procedures. Wash hands and other exposed areas with mild soap and water before eating, drinking, or smoking and again when leaving work.

7.2. Conditions for safe storage, including any incompatibilities

Technical measures : Comply with applicable regulations.

Storage conditions : Keep containers tightly closed and store in a dry, cool, and well-ventilated place, away from incompatible materials.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1. Control parameters

<i>Substance Name</i>	<i>CAS No.</i>	<i>OSHA PEL</i>	<i>ACGIH TLV</i>	<i>NIOSH REL</i>	<i>IDLH</i>
Mica (containing < 1% Quartz)	12001-26-2	20 mppcf TWA	3 mg/m ³ TWA	3 mg/m ³ TWA	1,500 mg/m ³

8.2. Exposure controls

Engineering controls : Ensure adequate ventilation, especially in confined areas. Emergency eye wash stations and safety showers should be available in the immediate vicinity of any potential exposure. Ensure all national/local regulations are observed.

Personal protective equipment : Not generally required but may be necessary as conditions warrant.

Eye / Face protection : Safety glasses.

Skin protection : Chemically resistant gloves, materials, and fabrics.

Respiratory protection : Use NIOSH-approved air purifying or supplied-air respirator where airborne concentrations of vapor or mist are expected to exceed exposure limits.

General hygiene considerations : Wash hands thoroughly after product use. Have eyewash facilities immediately available. Do not eat, drink or smoke when using this product.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on basic physical and chemical properties

Physical state	: Liquid
Appearance	: Amber viscous paste
Odor	: Mild
Odor threshold	: No data available
pH (25°C)	: 11
Flash Point	: > 104°C (220°F)
Vapor Pressure (mm Hg)	: No data available
Vapor Density	: No data available
Solubility in water	: Soluble in water
Autoignition temperature	: No data available
Partition Coefficient: n-octanol/water	: No data available
Explosive Properties	: No data available
Viscosity	: No data available
Relative density (SG)	: 1.08 (water = 1)
Density (25°C)	: 9.01 lb/gal
Boiling Point	: > 104°C (220°F)
Boiling Range	: No data available
Freezing/melting point	: < 0°C (32°F)
Evaporation Rate	: No data available
Upper Flammability or Explosive Limit (UEL)	: No data available
Lower Flammability or Explosive Limit (LEL)	: No data available
Decomposition Temperature	: No data available
Flammability (solid, gas)	: No data available
Oxidizing Properties	: No data available
Minimum Ignition Temperature	: No data available

9.2. Other information

VOC content	: 146 g/L
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SECTION 10: STABILITY AND REACTIVITY

10.1. Reactivity

Hazardous reactions will not occur.

10.2. Chemical stability

Stable at standard temperature and pressure.

10.3. Possibility of hazardous reactions

Hazardous polymerization will not occur.

10.4. Conditions to avoid

Direct sunlight. Extremely high or low temperatures.

10.5. Incompatible materials

Strong acids. Strong bases. Strong oxidizers.

10.6. Hazardous decomposition products

Carbon monoxide (CO), Carbon dioxide (CO₂), Silicon oxides.

SECTION 11: TOXICOLOGICAL INFORMATION

11.1. Information on likely routes of exposure

Inhalation exposure to dust, droplets, spray and/or mist of the product may irritate the respiratory system.

11.2. Description of the delayed, immediate, or chronic effects from short- and long-term exposure:

Excessive inhalation exposures to dust, droplets, spray and/or mist of the product may cause acute and delayed respiratory effects in some individuals, including sneezing, coughing, shortness of breath, and reduced lung function.

11.3. Description of symptoms:

- Eyes : Particulates may cause eye irritation.
- Skin : Mechanical abrasion may cause irritation.
- Inhalation : May be harmful if inhaled.
- Ingestion : May cause discomfort if swallowed. However, ingestion is unlikely to be a primary route of occupational exposure.

11.4. Information on toxicological effects:

- Acute toxicity : Not classified. Not expected to present a significant hazard under normal conditions of use.

Component acute toxicity

1,2-Propylene glycol (57-55-6)	
Oral LD50: rat	20,000 mg/kg
Dermal LD50: rabbit	20,800 mg/kg

- Skin irritation/corrosion : Not classified (pH: 11)
- Eye irritation/corrosion : Not classified (pH: 11)
- Respiratory or skin sensitization : Not classified
- Germ cell mutagenicity : Not classified
- Carcinogenicity : Not classified
- Reproductive and developmental toxicity : Not classified
- Specific target organ toxicity-Single exposure (STOT-SE) : Not classified
- Specific target organ toxicity-Repeated exposure (STOT-RE) : Not classified
- Aspiration hazard : Not classified
- Neurological effects : Not classified
- Interaction with other chemicals which enhance toxicity : Not classified

11.5. Listed carcinogens:

- NTP : None
- IARC : None
- OSHA : None

SECTION 12: ECOLOGICAL INFORMATION

Where mixture data is not available, individual component toxicity has been used.

12.1. Toxicity

No specific test data available for the mixture.

Component toxicity

1,2-Propylene glycol (57-55-6)	
LC50: fish 1	51,600 mg/L Exposure time: 96 h - Species: Oncorhynchus mykiss [static]
EC50: Daphnia 1	10,000 mg/L Exposure time: 24 h - Species: Daphnia magna
EC50: other aquatic organisms 1	19,000 mg/L Exposure time: 96 h - Species: Pseudokirchneriella subcapitata
LC50: fish 2	41 (41 - 47) mg/L Exposure time: 96 h - Species: Oncorhynchus mykiss [static]
EC50: Daphnia 2	1,000 mg/L Exposure time: 48 h - Species: Daphnia magna [Static]

12.2. Persistence and degradability

No specific test data available for the mixture.

12.3. Bioaccumulative potential

No specific test data available for the mixture.

Component Data

1,2-Propylene glycol (57-55-6)	
BCF: fish 1	< 1

12.4. Mobility in soil

No specific test data available for the mixture.

12.5. Other adverse effects

Other information : Avoid release into the environment.

SECTION 13: DISPOSAL CONSIDERATIONS

13.1. Waste treatment methods

Responsibility for proper waste disposal is with the owner of the waste. Dispose of contents in accordance with local, regional, national, and international regulations.

SECTION 14: TRANSPORT INFORMATION

In accordance with ICAO/IATA/DOT/TDG.

- 14.1. UN number : Not regulated for transport.
- 14.2. UN proper shipping name : Not regulated for transport.
- 14.3. Transport hazard class(es) : Not regulated for transport.
- 14.4. Packing group : Not regulated for transport.
- 14.5. Environmental hazards : Not regulated for transport.
- 14.6. Special precautions for user : See Sections 6 to 8 of this SDS.
- 14.7. Additional Information
 - Overland transport (ground) : No additional information available.
 - Transport by sea : No additional information available.
 - Air transport : No additional information available.

SECTION 15: REGULATORY INFORMATION

Safety, health, and environmental regulations/legislation specific for the substance or mixture.

United States Regulatory Information

TSCA Status:

All components of this product are listed or exempt from the Toxic Substances Control Act (TSCA) Inventory requirements. Y2 - Y2 - indicates an exempt polymer that is a polyester and is made only from reactants included in a specified list of low concern reactants that comprises one of the eligibility criteria for the exemption rule (1,2-Propylene glycol).

SARA (Section 311/312):

Reactive hazard	: No
Pressure hazard	: No
Fire hazard	: No
Immediate/acute toxicity	: No
Delayed/chronic toxicity	: No

SARA Section 313 Information:

This product does not contain any toxic chemicals listed under 313 of the Emergency Planning and Community Right-to-Know-Act of 1986 (EPCRA).

Clean Air Act (CAA):

Contains no toxic pollutants or priority pollutants at concentrations greater than 0.1%.

Volatile Organic Compounds (VOCs):

Contains no known toxic pollutants or priority pollutants at concentrations greater than 0.1%.

State Right-to-Know Status:

California Proposition 65	: Does not contain ingredients known to the State of California to be carcinogenic or reproductive/developmental toxicants greater than 0.1%.
Massachusetts	: Mica (CAS 112001-26-2)
Minnesota	: Mica (CAS 112001-26-2) : 1,2-Propylene glycol (CAS 57-55-6)
New Jersey	: Mica (CAS 112001-26-2) : 1,2-Propylene glycol (CAS 57-55-6)
Pennsylvania	: Mica (CAS 112001-26-2) : 1,2-Propylene glycol (CAS 57-55-6)

Canada Regulatory Information

Canadian Environmental Protection Act, 1999 (CEPA) Status:

This product has been classified in accordance with the hazard criteria of the Hazardous Products Act (HPA) and the Hazardous Products Regulation (HPR).

Domestic/Non-domestic Substances List (DSL/NDSL) Status:

All components of this product are listed or exempt from listing on the Canadian Domestic Substances List.

SECTION 16: OTHER INFORMATION

Abbreviations:

ACGIH	: American Council of Governmental Industrial Hygienists
CAA	: Clean Air Act
Cal	: California
CAS No	: Chemical Abstracts Service Registry Number
CFR	: Code of Federal Regulations
CWA	: Clean Water Act
EPCRA	: Emergency Planning and Community Right-to-Know Act of 1986
GHS	: Globally Harmonized System of Classification and Labeling
IARC	: International Agency for Research on Cancer
IBC	: Intermediate Bulk Container
LEL	: Lower explosive limit
mm Hg	: Millimeters of mercury
mppcf	: Millions of particles per cubic foot of air
N/A	: Not applicable
NIOSH	: National Institute for Occupational Safety and Health
NTP	: National Toxicology Program
OSHA	: Occupational Safety and Health Administration
PEL	: Permissible exposure limit
REL	: Recommended exposure limit
SARA	: Superfund Amendments and Reauthorization Act
SDS	: Safety data sheet
TLV	: Threshold limit value
TSCA	: Toxic Substances Control Act
TWA	: Time Weighted Average
UEL	: Upper explosive limit
UN	: United Nations
VOC	: Volatile organic compound

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Notice

This document has been prepared in accordance with the GHS SDS requirements of the OSHA Hazard Communication Standard, 29 CFR 1910.1200 and the Hazardous Products Regulation (HPR). This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.

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End of safety data sheet

Installation

Reference should always be made to the I-100 Victaulic Field Installation Handbook for the product you are installing. Handbooks are included with each shipment of Victaulic products for complete installation and assembly data, and are available in PDF format on our website at www.victaulic.com.

Warranty

Refer to the Warranty section of the current Price List or contact Victaulic for details.

Note

This product shall be manufactured by Victaulic or to Victaulic specifications. All products to be installed in accordance with current Victaulic installation/assembly instructions. Victaulic reserves the right to change product specifications, designs and standard equipment without notice and without incurring obligations.

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