

Victaulic® Lubricant SDS

(Safety Data Sheet)



05.02

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product Identifier

Product name : Victaulic Lubricant

1.2. Intended Use Of The Product

Use of the substance/preparation : A Pipe Joint Lubricant. For professional use only.

1.3. Name, Address, And Telephone Of The Responsible Party

Company

Victaulic Company
4901 Kesslersville Road
Easton, PA 18045
610-559-3300
web: www.victaulic.com

Manufacturer

JTM Products, Inc.
31025 Carter Street
Solon, OH 44139
440-287-2302

1.4. Emergency telephone number

Emergency number : 610-559-3300 Hours 9am-5pm EST M-F

SECTION 2: Hazards identification

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.

2.2. Label Elements

GHS-US labeling

Not applicable

2.3. Other Hazards

No additional information available

2.4. Unknown acute toxicity (GHS US)

70 – 80% of the mixture consists of ingredient(s) of unknown acute toxicity.

SECTION 3: Composition/information on ingredients

3.1. Substances

Not applicable

3.2. Mixtures

Name	Product Identifier	%	Classification (GHS-US)
Fatty acids, tall-oil, potassium salts	(CAS No) 61790-44-1	70–80	Not classified
1,2-Propylene glycol	(CAS No) 57-55-6	10–20	Not classified
Mica	(CAS No) 12001-26-2	5–10	Not classified



SECTION 4: Description of first aid measures

4.1. Description of first aid measures

- 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).
- First-aid measures after inhalation : If symptoms occur: go into open air and ventilate suspected area. Keep at rest and in a position comfortable for breathing.
- First-aid measures after skin contact : Remove contaminated clothing. Gently wash with plenty of soap and water. Wash contaminated clothing before reuse.
- First-aid measures after eye contact : Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
- First-aid measures after ingestion : Rinse mouth. Do NOT induce vomiting.

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 inhalation : Not expected to present a significant inhalation hazard.
- Symptoms/injuries after skin contact : May cause irritation from prolonged/repeated periods of use.
- Symptoms/injuries after eye contact : May cause eye irritation.
- 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. Extinguishing media

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

5.2. Special hazards arising from the substance or mixture

- Fire hazard : Not considered flammable but may burn at high temperatures.
- Explosion hazard : Product is not explosive.
- Reactivity : Hazardous reactions will not occur.

5.3. Advice for firefighters

- Precautionary measures fire : 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. For non-emergency personnel

Protective equipment : Use appropriate personal protection equipment (PPE).

Emergency procedures : Evacuate unnecessary personnel.

6.1.2. For emergency responders

Protective equipment : Equip cleanup crew with proper protection.

Emergency procedures : Ventilate area.

6.2. Environmental precautions

Prevent entry to sewers and public waters.

6.3. Methods and material for containment and cleaning up

For containment : Absorb and/or contain spill with inert material, then place in suitable container.

Methods for cleaning up : Clear up spills immediately and dispose of waste safely.

6.4. 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 : Store in a dry, cool and well-ventilated place.

Incompatible products : Strong acids. Strong bases. Strong oxidizers.

7.3. Specific end use(s)

A Pipe Joint Lubricant. For professional use only.

8.1. Control parameters

Mica (12001-26-2)		
USA ACGIH	ACGIH TWA (mg/m ³)	3 mg/m ³
USA NIOSH	NIOSH REL (TWA) (mg/m ³)	3 mg/m ³ (containing <1% Quartz)
USA IDLH	US IDLH (mg/m ³)	1500 mg/m ³ (containing <1% Quartz)

8.2. Exposure controls

- Appropriate engineering controls : Ensure adequate ventilation, especially in confined areas. Emergency eye wash fountains 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.
- Materials for protective clothing : Chemically resistant materials and fabrics.
- Hand protection : Protective gloves.
- Eye protection : Safety glasses
- Skin and body protection : Wear suitable protective clothing.
- Respiratory protection : Use NIOSH-approved air-purifying or supplied-air respirator where airborne concentrations of vapor or mist are expected to exceed exposure limits.
- Other information : When using, do not eat, drink or smoke.

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	: 11
Relative evaporation rate (butyl acetate=1)	: No data available
Melting point	: < 0°C (32°F)
Freezing point	: No data available
Boiling point	: > 104°C (220°F)
Flash Point	: > 104°C (220°F)
Auto-ignition temperature	: No data available
Decomposition Temperature	: No data available
Flammability (solid, gas)	: No data available
Vapor pressure	: No data available
Relative vapor density at 20°C	: No data available
Relative density	: 1.08 (water = 1)
Density	: 9.01 lbs/gal
Solubility	: Soluble in water
Log Pow	: No data available
Log Kow	: No data available
Viscosity, kinematic	: No data available
Viscosity, dynamic	: No data available
Explosive properties	: No data available
Oxidizing properties	: No data available
Explosive limits	: Not applicable

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 oxides (CO, CO₂). Silicon oxides.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity : Not classified

1,2-Propylene glycol (57-55-6)	
LD50 oral rat	20000 mg/kg
LD50 dermal rabbit	20800 mg/kg

Skin corrosion/irritation : Not classified (pH: 11).
 Serious eye damage/irritation : Not classified (pH: 11).
 Respiratory or skin sensitisation : Not classified
 Germ cell mutagenicity : Not classified
 Carcinogenicity : Not classified
 Reproductive toxicity : Not classified
 Specific target organ toxicity (single exposure) : Not classified
 Specific target organ toxicity (repeated exposure) : Not classified
 Aspiration hazard : Not classified
 Potential Adverse human health effects and symptoms : Not expected to present a significant hazard under normal conditions of use.
 Symptoms/injuries after inhalation : Not expected to present a significant inhalation hazard.
 Symptoms/injuries after skin contact : May cause skin irritation through repeated/prolonged periods of use.
 Symptoms/injuries after eye contact : May cause eye irritation.
 Symptoms/injuries after ingestion : May cause gastrointestinal irritation.

SECTION 12: Ecological information

12.1. Toxicity

1,2-Propylene glycol (57-55-6)	
LC50 fishes 1	51600 mg/l (Exposure time: 96 h - Species: Oncorhynchus mykiss [static])
EC50 Daphnia 1	10000 mg/l (Exposure time: 24 h - Species: Daphnia magna)
EC50 other aquatic organisms 1	19000 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	1000 mg/l (Exposure time: 48 h - Species: Daphnia magna [Static])

12.2. Persistence and degradability

Victaulic Lubricant	
Persistence and degradability	Not established.

12.3. Bioaccumulative potential

Victaulic Lubricant	
Bioaccumulative potential	Not established.
1,2-Propylene glycol (57-55-6)	
BCF fish 1	< 1

12.4. Mobility in soil

No additional information available

12.4. Other adverse effects

Other information : Avoid release to the environment.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Waste disposal recommendations : Dispose of waste material in accordance with all 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. Additional information

Overland transport

No additional information available

Transport by sea

No additional information available

Air transport

No additional information available

SECTION 15: Regulatory information

15.1. US Federal regulations

1,2-Propylene glycol (57-55-6)	
Listed on the United States TSCA (Toxic Substances Control Act) inventory	
EPA TSCA Regulatory Flag	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.
Fatty acids, tall-oil, potassium salts (61790-44-1)	
Listed on the United States TSCA (Toxic Substances Control Act) inventory	

15.3. US State regulations

<p>Mica (12001-26-2)</p> <p>U.S. - Connecticut - Hazardous Air Pollutants - HLVs (30 min)</p> <p>U.S. - Connecticut - Hazardous Air Pollutants - HLVs (8 hr)</p> <p>U.S. - Hawaii - Occupational Exposure Limits - TWAs</p> <p>U.S. - Idaho - Non-Carcinogenic Toxic Air Pollutants - Acceptable Ambient Concentrations</p> <p>U.S. - Idaho - Non-Carcinogenic Toxic Air Pollutants - Emission Levels (ELs)</p> <p>U.S. - Idaho - Occupational Exposure Limits - Mineral Dusts</p> <p>U.S. - Massachusetts - Right To Know List</p> <p>U.S. - Michigan - Occupational Exposure Limits - TWAs</p> <p>U.S. - Minnesota - Hazardous Substance List</p> <p>U.S. - Minnesota - Permissible Exposure Limits - TWAs</p> <p>U.S. - New Hampshire - Regulated Toxic Air Pollutants - Ambient Air Levels (AALs) - 24-Hour</p> <p>U.S. - New Hampshire - Regulated Toxic Air Pollutants - Ambient Air Levels (AALs) - Annual</p> <p>U.S. - New Jersey - Right to Know Hazardous Substance List</p> <p>U.S. - New York - Occupational Exposure Limits - Mineral Dusts</p> <p>U.S. - North Dakota - Air Pollutants - Guideline Concentrations - 8-Hour</p> <p>U.S. - Oregon - Permissible Exposure Limits - Mineral Dusts</p> <p>U.S. - Pennsylvania - RTK (Right to Know) List</p> <p>U.S. - Tennessee - Occupational Exposure Limits - TWAs</p> <p>U.S. - Texas - Effects Screening Levels - Long Term</p> <p>U.S. - Texas - Effects Screening Levels - Short Term</p> <p>U.S. - Vermont - Permissible Exposure Limits - TWAs</p> <p>U.S. - Washington - Permissible Exposure Limits - STELs</p> <p>U.S. - Washington - Permissible Exposure Limits - TWAs</p>
<p>1,2-Propylene glycol (57-55-6)</p> <p>U.S. - Minnesota - Hazardous Substance List</p> <p>U.S. - New Jersey - Right to Know Hazardous Substance List</p> <p>U.S. - Pennsylvania - RTK (Right to Know) List</p> <p>U.S. - Texas - Effects Screening Levels - Long Term</p> <p>U.S. - Texas - Effects Screening Levels - Short Term</p>

SECTION 16: Other information

Other information : This document has been prepared in accordance with the SDS requirements of the OSHA Hazard Communication Standard 29 CFR 1910.1200.

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.

SDS US (GHS HazCom)

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.

Trademarks

Victaulic and Zero-Flex are registered trademarks of Victaulic Company.

