

# Vic-Press™ Seal Pre-Lubrication SDS

## (Safety Data Sheet)

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

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#### 1.1. Product Identifier

Product name : Vic-Press™ Seal Pre-Lubrication

#### 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

##### Manufacturer/Supplier

Victaulic Company  
4901 Kesslersville Road  
Easton, PA 18040  
610-559-3300  
web: www.victaulic.com

#### 1.4. Emergency telephone number

Emergency number : 610-559-3300 Hours 9am-5pm EST M-F  
CHEMTREC Emergency (US and Canada Only) : 1-800-424-9300  
CHEMTREC Emergency (International) : 1-703-741-5970

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### SECTION 2: Hazards identification

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#### 2.1. Classification of the Substance or Mixture

##### Classification (GHS-US)

Acute toxicity, Oral (Category 4) for Propyl Gallate  
Eye irritation (Category 2B)  
Skin sensitization (Category 1)

#### 2.2. Label Elements

Signal Word : Warning



#### Hazard Statements

H317: May cause an allergic skin reaction.  
H320: Causes eye irritation.  
H334: May cause allergy or asthma symptoms or breathing difficulties if inhaled.

#### Precautionary Statements

P261: Avoid breathing dust / fume / gas / mist / vapors / spray.  
P280: Wear protective gloves.  
P305 + P351 + P338: IF IN EYES: Rinse cautiously for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
P342 + P311: If experiencing respiratory symptoms: Call a POISON CENTER or doctor/ physician.

#### 2.3. Other Hazards

No additional information available

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**SECTION 3: Composition/information on ingredients**

Ingredient	CAS Number	EC Number	Percent	Hazardous	Chemical Characterization
Ploypropylene Glycol	25322-69-4	500-039-8	> 97%	No	Substance
Propyl Gallate	121-79-9	204-498-2	> 2%	Yes	Substance

**SECTION 4: Description of first aid measures**

**4.1. Description of first aid measures**

- First-aid measures after inhalation : If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Consult a physician.
- First-aid measures after skin contact : Remove material from skin immediately by washing with soap and plenty of water. Remove contaminated clothing and shoes while washing. Seek medical attention if irritation persists. Wash clothing before reuse. Discard items which cannot be decontaminated, including leather articles such as shoes, belts and watchbands.
- First-aid measures after eye contact : Flush eyes thoroughly with water for several minutes. Remove contact lenses after the initial 1-2 minutes and continue flushing for several additional minutes. If effects occur, consult a physician, preferably an ophthalmologist.
- 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. Minor components may cause allergic skin reaction.
- 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

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### 5.1. Extinguishing media

- Suitable extinguishing media : Water fog or fine spray. Dry chemical fire extinguishers. Carbon dioxide fire extinguishers. Foam. Alcohol resistant foams (ATC type) are preferred. General purpose synthetic foams (including AFFF) or protein foams may function, but will be less effective.
- 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 : No information found.
- Explosion hazard : Violent steam generation or eruption may occur upon application of direct water stream to hot liquids.
- Reactivity : See Explosion hazard, above.

### 5.3. Advice for firefighters

**Special protective equipment for firefighters:** Wear positive-pressure self-contained breathing apparatus (SCBA) and protective fire-fighting clothing (includes fire-fighting helmet, coat, trousers, boots, and gloves.) Avoid contact with this material during fire-fighting operations. If contact is likely, change to full chemical resistant fire-fighting clothing with self-contained breathing apparatus. If this is not available, wear full chemical resistant clothing with self-contained breathing apparatus and fight fire from a remote location. For protective equipment in post-fire or non-fire clean-up situations, refer to the relevant sections within this SDS.

**Fire extinguishing media:** Water fog or fine spray; dry chemical fire extinguishers; carbon dioxide fire extinguishers; foam. Do not use direct water stream. May spread fire. Alcohol resistant foams (ATC type) are preferred. General purpose synthetic foams (including AFFF) or protein foams may function, but will be less effective.

**Special Information:** During a fire, smoke may contain the original material in addition to combustion products of varying composition which may be toxic and / or irritating. Combustion products may include and are not limited to: Carbon Monoxide, Carbon Dioxide.

## SECTION 6: Accidental release measures

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### 6.1. Personal precautions, protective equipment and emergency procedures

Ventilate area of leak or spill. Wear appropriate personal protective equipment as specified in Section 8. Isolate hazard area. Keep unnecessary and unprotected personnel from entering.

### 6.2. Environmental precautions

Material will sink in water.

### 6.3. Methods and materials for containment and cleaning up

Prevent from entering into soil, ditches, sewers, waterways and / or groundwater. Contain spilled material. Collect in suitable and properly labeled containers as specified in Section 7. See Section 9 for disposal considerations.

## SECTION 7: Handling and storage

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### 7.1. Precautions for safe handling

Avoid prolonged or repeated contact with skin. Wash thoroughly after handling.

### 7.2. Conditions for safe storage, including any incompatibilities

Do not use sodium nitrite or other nitrosating agents in formulations containing this product. Suspected cancer-causing nitrosamines could be formed. Spills of these organic materials on hot fibrous insulations may lead to lowering of the auto-ignition temperatures possibly resulting in spontaneous combustion. Store in the following material(s): 316 Stainless Steel, Carbon Steel, Teflon, Glass-lined container, Polypropylene, Polyethylene-lined container. This material may soften and lift certain paint and surface coatings. Use product promptly after opening. Store in original, unopened container. Unopened containers of material stored beyond the recommended shelf life should be retested against the sales specifications before use.

### 7.3. Specific end use(s)

Pre-Lubrication. For professional use only.

## SECTION 8: Exposure Controls / Personal Protection

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### 8.1. Controls parameters

#### Airborne Exposure Limits:

OSHA Permissible Exposure Limit (PEL) : None listed.

ACGIH Threshold Limit Value (TLV) : None listed.

### 8.2. Exposure controls / personal protection

**Ventilation System** : A system of local and / or general exhaust is recommended to keep employee exposures low. Local exhaust ventilation is generally preferred because it can control the emissions of the contaminant at its source, preventing dispersion of it into the general work area. Please refer to the ACGIH document, Industrial Ventilation, A Manual of Recommended Practices, most recent edition, for details.

**Personal Respirators (NIOSH Approved)** : For nuisance exposures use type P95 (US) or type P1 (EU EN 143) particle respirator. For higher level protection, use type OV/AG/P99 (US) or type ABEK-P2 (EU EN 143) respirator cartridges. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU.)

**Skin Protection** : Use protective clothing chemically resistant to this material. Selection of specific items such as face shield, boots, apron, or full body suit will depend on the task.

**Hand Protection** : Use gloves chemically resistant to this material. Examples of preferred glove barrier materials include:

Butyl Rubber, Polyethylene, Ethyl Vinyl Alcohol Laminate (“EVAL.”) Examples of acceptable glove barrier materials include: Natural Rubber (“Latex,”) Neoprene, Nitrile / Butadiene Rubber (“Nitrile” or “NBR,”) Polyvinyl Chloride (“PVC” or “Vinyl,”) Viton.

NOTICE: The selection of a specific glove for a particular application and duration of use in a workplace should also take into account all relevant workplace factors such as, but not limited to: other chemicals which may be handled, physical requirements (cut / puncture protection, dexterity, thermal protection), potential body reactions to glove materials, as well as the instructions / specifications provided by the glove supplier.

**Eye Protection** : Use chemical safety goggles and / or full face shield where dusting or splashing of solutions is possible. Maintain eye wash fountain and quick-drench facilities in work area.

**SECTION 9: Physical and chemical properties****9.1. Information on basic physical and chemical properties**

<b>Physical state</b>	: Liquid
<b>Appearance</b>	: Yellow liquid
<b>Odor</b>	: Mild
<b>Odor threshold</b>	: No data available
<b>pH</b>	: No data available
<b>Relative evaporation rate (butyl acetate=1)</b>	: No data available
<b>Melting point</b>	: -33°C (-27°F) ASTM D97 (Pour point)
<b>Freezing point</b>	: No data available
<b>Boiling point</b>	: > 200°C (> 392°F) Calculated decomposes prior to boiling
<b>Flash Point</b>	: > 288°C (550°F) ASTM D92 - open cup; 207°C (405°F) ASTM D93 - cc
<b>Auto-ignition temperature</b>	: No data available
<b>Decomposition Temperature</b>	: No data available
<b>Flammability (solid, gas)</b>	: No data available
<b>Vapor pressure</b>	: < 0.01 mmHg @ 20°C Literature
<b>Relative vapor density at 20°C</b>	: > 1 Calculated
<b>Relative density</b>	: 8.35 lb/gal @ 20°C Calculated
<b>Solubility</b>	: < 0.02% @ 20°C Visual
<b>Log Pow</b>	: No data available
<b>Log Kow</b>	: No data available
<b>Viscosity</b>	: 270 - 300 cSt @ 37.8°C ASTM D445
<b>Viscosity, dynamic</b>	: No data available

**9.2. Other information**

No additional information

**SECTION 10: Stability and reactivity****10.1. Reactivity**

Violent steam generation or eruption may occur upon application of direct water stream to hot liquids.

**10.2. Chemical stability**

Thermally stable at typical use temperatures.

**10.3. Possibility of hazardous reactions**

Exposure to elevated temperatures can cause product to decompose. Generation of gas during decomposition can cause pressure in closed systems.

**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**

Decomposition products depend upon temperature, air supply and the presence of other materials. Decomposition products can include and are not limited to Aldehydes, Alcohols.

**SECTION 11: Toxicological information****11.1. Information on toxicological effects**

Acute toxicity : Oral LD50 (rat): > 16,000 mg/kg; Dermal LD50 (rabbit): > 16,000 mg/kg

**Potential Health Effects:**

Eye Contact : Essentially non-irritating to eyes.

Skin Contact : Prolonged skin contact is unlikely to result in absorption of harmful amounts.

Skin Sensitization : For the minor component(s): Skin contact may cause an allergic skin reaction.

Inhalation : At room temperature, exposure to vapor is minimal due to low volatility; single exposure is not likely to be hazardous.

Ingestion : Very low toxicity if swallowed. Harmful effects not anticipated from swallowing small amounts.

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

**Numerical Measures of Toxicity:** Cancer Lists: NTP Carcinogen

Ingredient	Known	Anticipated	IARC Category
Polypropylene Glycol (25322-69-4)	No	No	None
Propyl Gallate (121-79-9)	No	No	None

Repeated Dose Toxicity : For the major component(s): In animals, effects have been reported on the following organs after ingestion: Liver.

**SECTION 12: Ecological information****12.1. Ectotoxicity**

Material is practically non-toxic to aquatic organisms on an acute basis (LC50/EC50 >100 mg/L in the most sensitive species tested.)

**Fish Acute & Prolonged Toxicity** : LC50, fathead minnow (Pimephales promelas,) 96 h, 520 mg/l.

**Aquatic Invertebrate Acute Toxicity** : LC50, water flea Daphnia magna, static, 48 h, immobilization: 350 mg/l

**12.2. Persistence and Degradability**

Biodegradation under aerobic static laboratory conditions is low (BOD20 or BOD28 / ThOD between 2.5 and 10%.)

**12.3. Bioaccumulative Potential**

No bioconcentration is expected because of the relatively high molecular weight (greater than 1000.)

**12.4. Mobility in Soil** : No additional information available.

**12.5. Other adverse effects** : No additional information available.

**SECTION 13: Disposal considerations**

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**13.1. Waste treatment methods**

DO NOT DUMP INTO ANY SEWERS, ON THE GROUND, OR INTO ANY BODY OF WATER. All disposal practices must be in compliance with all Federal, State / Provincial and Local laws and regulations. Regulations may vary in different locations. Waste characterizations and compliance with applicable laws are the responsibility solely of the waste generator. VICTAULIC HAS NO CONTROL OVER THE MANAGEMENT PRACTICES OR MANUFACTURING PROCESSES OF PARTIES HANDLING OR USING THIS MATERIAL. THE INFORMATION PRESENTED HERE PERTAINS ONLY TO THE PRODUCT AS SHIPPED IN ITS INTENDED CONDITION AS DESCRIBED IN SDS SECTION 3. FOR UNUSED & UNCONTAMINATED PRODUCT, the preferred options include sending to a licensed, permitted incinerator or other thermal destruction device.

**SECTION 14: Transport information**

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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**

Not regulated for transport.

**Transport by sea**

Not regulated for transport.

**Air transport**

Not regulated for transport.

**SECTION 15: Regulatory information**

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Superfund Amendments and Reauthorization Act of 1986 Title III (Emergency Planning and Community Right-to-Know Act of 1986) Sections 311 and 312:

<b>Immediate (Acute) Health Hazard</b>	: Yes
<b>Delayed (Chronic) Health Hazard</b>	: No
<b>Fire Hazard</b>	: No
<b>Reactive Hazard</b>	: No
<b>Sudden Release of Pressure Hazard</b>	: No

**Superfund Amendments and Reauthorization Act of 1986 Title III (Emergency Planning and Community Right-to-Know Act of 1986) Section 313:**

To the best of our knowledge, this product does not contain chemicals at levels which require reporting under this statute.

**Pennsylvania (Worker and Community Right-to-Know Act):** Pennsylvania Hazardous Substances List and / or Pennsylvania environmental Hazardous Substance List:

To the best of our knowledge, this product does not contain chemicals at levels which require reporting under this statute.

**Pennsylvania (Worker and Community Right-to-Know Act):** Pennsylvania Special Hazardous Substances List:

To the best of our knowledge, this product does not contain chemicals at levels which require reporting under this statute.

**US EPA Emergency Planning and Community Right-to-Know Act (EPCRA) SARA Title III Section 302 Extremely Hazardous Substance (40 CFR 355, Appendix A):**

To the best of our knowledge, this product does not contain chemicals at levels which require reporting under this statute.

**California Proposition 65 (Safe Drinking Water and Toxic Enforcement Act of 1986)**

This product contains no listed substances known to the State of California to cause cancer, birth defects or other reproductive harm, at levels which would require a warning under the statute.

**US Toxic Substances Control Act**

All components of this product are on the TSCA Inventory or are exempt from TSCA Inventory requirements under 40 CFR 720.30.

**European Inventory of Existing Commercial Chemical Substances (EINECS)**

This product is a polymer according to the definition in Directive 92/32/EEC (7th Amendment to Directive 67/548/EEC) and all of its starting materials and intentional additives are listed the European Inventory of Existing Commercial Chemical Substances (EINECS) or in compliance with European (EU) chemical inventory requirements.

**CEPA - Domestic Substances List (DSL):**

All substances contained in this product are listed on the Canadian Domestic Substances List (DSL) or are not required to be listed.

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**SECTION 16: Other information**

**05.07** Rev B 05/2017; replaces Rev A, 09/2012 and Rev 0, 06/2012

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.

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**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](http://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.