



**SAFETY DATA SHEET**  
**Lloyds Laboratories Inc.**  
**Thread Lock**

**Part #s 90006, 90050, 90104, 90106 and 90150**

**1. IDENTIFICATION OF THE SUBSTANCE OR PREPARATION AND OF THE COMPANY**

**Identification of Preparation:** Thread Lock  
**Date of Safety Data Sheet:** July 7, 2020  
**Use of Preparation:** Thread Lock  
**Company Identification:** Lloyds Laboratories Inc.  
613 Neal Drive  
Peterborough, Ontario  
K9J 6X7

**Company Telephone Number:** 800 361-6766

**24 Hour Telephone Number:** CANUTEC 613-996-6666 or \*666 for cell phone.

**2. HAZARD IDENTIFICATION**

**Emergency Overview:**

**OSHA/ WHMIS 2015 Hazards:**

**Classification of substances or mixture**

**GHS-US/Canadian classification:**

Skin Irritation Category 2 H315.

Skin Sensitizer Category 1 H317.

Eye Irritation Category 2A H319.

Carcinogenicity Category 1A H350.

**Label Elements**

**GHS-US Labeling**

**Hazard Pictograms (GHS):**



**Signal Word (GHS):** Danger.

**Hazard Statements (GHS):**

H315: Causes skin irritation.

H317: May cause an allergic skin reaction.

H319: Cause serious eye irritation.

H350: May cause cancer.

**Precautionary Statements (GHS):**

P201: Obtain special instructions before use.

P202: Do not handle until all safety precautions have been read and understood.

P261: Avoid breathing vapour.

P264: Wash hands thoroughly after handling.

P270: Do not eat, drink, or smoke when using this product.

P271: Use only outdoors or in a well-ventilated area.

P272: Contaminated work clothing should not be allowed out of the workplace.

P280: Wear protective gloves - 8 hour break through butyl rubber/protective clothing/eye protection/face protection.



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P281: Use personal protective equipment as required.

**Response Statements (GHS):**

P301+P311+P330+P331: IF SWALLOWED: Immediately call a POISON CENTER or physician. Rinse mouth. Do NOT induce vomiting.

P302+P313+ P333+P352IF ON SKIN: Wash with plenty of soap and water. If skin irritation or rash occurs: Get medical attention.

P303+P311+ P353+P361+P363: IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water or shower. Wash contaminated clothing before reuse. Immediately call a POISON CENTER or physician if you feel unwell.

P304 + P311 + P340: IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. Immediately call a POISON CENTER or physician if you feel unwell.

P305+P311+ P338+P351: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTER or physician.

P308 and P313: IF EXPOSED or CONCERNED: Get medical attention.

### 3. COMPOSITION / INFORMATION ON INGREDIENTS

**Chemical Description:** Chemical Blend

Ingredient	CAS#	% by Wt	Classification
Tetramethylene dimethacrylate	2082-81-7	20-30	Skin Corrosion/Irritant Category 2 – H315 Skin Sensitizer Category 1 – H317 Serious Eye Damage/Irritation Category 2A – H319 STOT Single Exposure Respiratory Tract Irritation Category 3 – H335
Amorphous fumed silica	68611-44-9	1-5	Skin Corrosion/Irritant Category 2 – H315 Serious Eye Damage/Irritation Category 2A – H319
Ethene, homopolymer	9002-88-4	1-5	Skin Corrosion/Irritant Category 2 – H315 Serious Eye Damage/Irritation Category 2A – H319
Propane-1,2-diol	57-55-6	1-5	Skin Corrosion/Irritation Category 3 – H316 Serious Eye Damage/Eye Irritation Category 2B - H320
Cumene hydroperoxide	80-15-9	0.1-1.0	Flammable Liquids Category 3 – H226 Acute Toxicity Category 4 (Oral) - H302 Aspiration Hazard Category 1 - H304 Skin Corrosion / Irritation Category 1 – H314 Serious Eye Damage / Eye Irritation Category 1 – H318 STOT Single Exposure Respiratory Tract Irritation Category 3 – H335
1-Acetyl-2- phenylhydrazine	114-83-0	0.1-1.0	Acute Toxicity, Oral Category 3 – H301
Cumene	98-82-8	0.1-1.0	Flammable Liquids Category 3 – H226



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			Aspiration Hazard Category 1 - H304 STOT Single Exposure Respiratory Tract Irritation Category 3 – H335 Hazardous to the Aquatic Environment, Acute Hazard Category 2 – H401 Hazardous to the Aquatic Environment Long Term Hazard Category 2 - H411
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#### 4. FIRST AID MEASURES

<b>Inhalation:</b>	Remove to fresh air. If symptoms persist consult physician.
<b>Eye Contact:</b>	Remove contacts. Flush with water for at least 20 minutes, occasionally lifting the upper and lower eyelids. Get medical attention immediately.
<b>Skin Contact:</b>	Thoroughly wash exposed skin with soap and water. Remove any contaminated clothing and wash before reuse.
<b>Ingestion:</b>	DO NOT induce vomiting. If vomiting does occur, have victim lean forward to prevent aspiration. Rinse mouth with water. Seek medical attention. Never give anything by mouth to an unconscious individual.
<b>Notes to Physician:</b>	Treatment based on judgment of attending physician.

#### 5. FIRE FIGHTING MEASURES

<b>Suitable extinguishing media:</b>	Any standard extinguishing media (alcohol foam, water spray or fog, CO2 dry chemical, etc.).
<b>Unsuitable extinguishing media:</b>	Water jet.
<b>Special exposure hazards:</b>	In a fire or if heated, a pressure increase will occur, and the container may burst.
<b>Special safety equipment:</b>	Self-contained positive pressure breathing apparatus and protective clothing.

#### 6. ACCIDENTAL RELEASE MEASURES

##### **Personal Precautions, Protective Equipment and Emergency Procedures**

**General Measures:** Do not get in eyes, on skin, or on clothing. Do not breathe vapour or mist.

##### **For Non-Emergency Personnel:**

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

**Emergency Procedures:** Evacuate unnecessary personnel.

##### **For Emergency Personnel:**

**Protective Equipment:** Equip cleanup crew with proper protection.

**Emergency Procedures:** Stop leak if safe to do so. Ventilate area.

**Environmental Precautions:** Prevent entry to sewers and public waters.

##### **Methods and Material for Containment and Cleaning Up:**

**For Containment:** Contain any spills with dikes or absorbents to prevent migration and entry into sewers or streams.

**Methods for Cleaning Up:** Clear up spills immediately and dispose of waste safely.

**Reference to Other Sections:** See Heading 8. Exposure controls and personal protection.



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## 7. HANDLING AND STORAGE

### Precautions for Safe Handling:

#### **Protective Measures:**

Put on appropriate personal protective equipment (see Section 8). Persons with a history of skin sensitization problems should not be employed in any process in which this product is used. Avoid exposure - obtain special instructions before use. Avoid exposure during pregnancy. Do not handle until all safety precautions have been read and understood. Do not get in eyes or on skin or clothing. Do not breathe vapour or mist. Do not ingest. Use only with adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Keep in the original container or an approved alternative made from a compatible material, keep tightly closed when not in use. Empty containers retain product residue and can be hazardous. Do not reuse container.

#### **Advice on General Occupational Hygiene:**

Eating, drinking, and smoking should be prohibited in areas where this material is handled, stored, and processed. Workers should wash hands and face before eating, drinking, and smoking. Remove contaminated clothing and protective equipment before entering eating areas. See also Section 8 for additional information on hygiene measures.

#### **Conditions for Safe Storage, including any incompatibilities:**

Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool, and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Store locked up. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabeled containers. Use appropriate containment to avoid environmental contamination.

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

#### **Engineering Controls:**

Use local exhaust or dilution ventilation.

#### **Respiratory protection:**

Not normally required.

#### **Hand protection:**

Chemical resistant gloves.

#### **Eye protection:**

Safety goggles or full face shield.

#### **Skin protection:**

Use body-covering impervious clothing.

#### **Working hygiene:**

Take usual precautions when handling. Workers should wash hands before eating, drinking, or smoking.

#### **Exposure Limits:**

Amorphous fumed silica CAS#68611-44-9: ACGIH TLV (United States, 4/2014).  
TWA 10 mg/m<sup>3</sup> 8 hours inhalable

Ethylene, homopolymer CAS#9002-88-4: ACGIH TLV (United States, 4/2014).  
TWA 10 mg/m<sup>3</sup> 8 hours inhalable

Propane-1,2-diol CAS#57-55-6: AIWA WEEL  
10mg/m<sup>3</sup> TWA Aerosol



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Cumene hydroperoxide CAS# 80-15-9: AIWA WEEL  
10 ppm TWA Skin

Cumene CAS#98-82-8: ACGIH TLV (United States, 4/2014).  
TWA 50 ppm TWA

**9. PHYSICAL AND CHEMICAL PROPERTIES**

**Physical and Chemical Properties**

<b>Physical State</b>	Liquid.	<b>Odour</b>	Typical.
<b>Appearance</b>	Viscous.	<b>Odour Threshold</b>	No data available.
<b>Colour</b>	Blue or Red.		

<b><u>Property</u></b>	<b><u>Values</u></b>	<b><u>Remarks/Method</u></b>
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<b>pH</b>	Not applicable. (solvent).	
<b>Melting/Freezing Point</b>	Not available.	
<b>Boiling Point/Range</b>	Not available.	
<b>Flash Point</b>	>93 C.	
<b>Flammability (solid, gas)</b>		
<b>Flammability Limit in Air:</b>	Not available.	
<b>Upper Limit</b>	Not available.	
<b>Lower Limit</b>	Not available.	
<b>Vapour Pressure</b>	No data available.	
<b>Vapour density</b>	No data available.	
<b>Specific Gravity</b>	1.09.	
<b>Water Solubility</b>	Negligible.	
<b>Solubility Other Solvents</b>	No data available.	
<b>Partition Coefficient:</b>	No data available.	
<b>n-octanol/water</b>	No data available.	
<b>Autoignition temperature</b>	No data available.	
<b>Decomposition</b>	No data available.	
<b>Temperature</b>		
<b>Kinematic Viscosity</b>	No data available.	
<b>Dynamic Viscosity</b>	No data available.	
<b>Explosive Properties</b>	No data available.	
<b>Oxidizing Properties</b>	No data available.	

**Other Properties:**

<b>Softening Point</b>	No data available.
<b>VOC Content %</b>	No data available.
<b>Particle Size</b>	Liquid.
<b>Particle Size Distribution</b>	Not applicable.

Date: July 7, 2020

SDS Lloyds Laboratories Inc. Thread Lock



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**10. STABILITY AND REACTIVITY**

**Reactivity:** The product is stable and non-reactive under normal conditions of use, storage, and transport.  
**Chemical Stability:** Material is stable under normal conditions.  
**Possibility of hazardous reactions:** No dangerous reaction known under conditions of normal use.  
**Conditions to avoid:** No specific data.  
**Incompatible materials:** No specific data.

**11. TOXICOLOGICAL INFORMATION**

**Information on likely routes of exposure:**

**Product Information**

**Inhalation** Harmful if inhaled.  
**Eye Contact** Causes serious damage.  
**Skin Contact** May cause allergic reaction.  
**Ingestion** Harmful if swallowed.

**Information on Toxicological Effects:**

**Symptoms** Once sensitized, a severe allergic reaction may occur when subsequently exposed to very low levels.

**Delayed/Immediate/Chronic Effects from short- and long-term exposure:**

**Sensitization** Cumene hydroperoxide is classified as a skin sensitizer.  
**Mutagenic Effects** No known significant effects or critical hazards.  
**Carcinogenicity** Cumene is classified as carcinogenic.  
**Reproductive Toxicity** No known significant effects or critical hazards.  
**STOT- Single Exposure** None known.  
**STOT Repeated exposure** None known.  
**Chronic Toxicity** None known.  
**Target Organ Effects** None Known.  
**Numerical Measures of Toxicity (based on GHS Chapter 3.1)** Not applicable.

**12. ECOLOGICAL INFORMATION**

**Toxicity:** This product is toxic to aquatic organisms, including fish and invertebrates. Do not discharge effluent containing this product into streams lakes, oceans, or other waters.  
**Persistence and Degradability:** Not available.  
**Bioaccumulative Potential:** Not available.  
**Mobility in Soil:** Not available.  
**Other Adverse Effects**  
**Other Information:** Avoid release to the environment.





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**13. DISPOSAL**

**Waste Disposal Recommendations:** Dispose of waste material in accordance with all local, regional, national, and international regulations.

**Ecology – Waste Materials:** Avoid release to the environment.

**Other:** Dispose of in sanitary landfill, or by other procedures approved by state and local authorities.

**14. TRANSPORTATION INFORMATION**

**U.S. Department of Transportation (DOT):** Not regulated.

**Canadian TDG (Road & Rail):** Not regulated.

**Water Transportation (IMDG): Regulated Material**

Proper Shipping Name: Environmentally Hazardous Substance Liquid N.O.S.

Hazard Class: 9.

ID Number: 3082.

Packing Group: III.

**Air Transportation (IATA): Regulated Material**

Proper Shipping Name: Environmentally Hazardous Substance Liquid N.O.S.

Hazard Class: 9.

ID Number: 3082.

Packing Group: III.

**15. REGULATION**

**Occupational Health & Safety Regulations:**

**OSHA & WHMIS:** MSDS prepared pursuant to the Hazard Communication Standard (CFR29 1910.1200) and Canadian WHMIS regulations (Controlled Products Regulations under the Hazardous Products Act).

**International Inventories**

<b>TSCA</b>	Complies.
<b>DSL/NDSL</b>	Complies.
<b>EINECS/ELINCS</b>	Complies.
<b>ENCS</b>	Complies.
<b>IECSC</b>	Complies.
<b>KECL</b>	-
<b>PICCS</b>	-
<b>AICS</b>	Complies.

**Legend:**

**TSCA** - All components of this product are listed or are exempt or excluded from listing on the United States Toxic Substances Control Act Section 8(b) Inventory.

**DSL/NDSL** - Canadian Domestic Substances List/Non-Domestic Substances List.

**EINECS/ELINCS** - European Inventory of Existing Commercial Chemical Substances/EU List of Notified Chemical Substances.

**ENCS** - Japan Existing and New Chemical Substances.

**IECSC** - China Inventory of Existing Chemical Substances.

**KECL** - Korean Existing and Evaluated Chemical Substances.

**PICCS** - Philippines Inventory of Chemicals and Chemical Substances.



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AICS - Australian Inventory of Chemical Substances.

**HMIS III Rating**

Health: 3.

Flammability: 0.

Physical: 0.

Personal Protection: B.

SDS US (GHS HazCom 2012 and WHMIS 2015).

**16. OTHER INFORMATION**

**Prepared By:** Technical Department

**Issuing Date:** January 6, 2019

**Revised Date:** July 7, 2020

**Revision Notes:** Logo added to Header, Hazard Identification – H and P codes added, Composition / Information on Ingredients expanded to include H statements, general format, etc. updates.

**Disclaimer:**

The manufacturer warrants that this product conforms to its standard specification when used according to direction. To the best of our knowledge the information contained herein is accurate. However, we do not assume accuracy or completeness of the information contained herein.

Final determination of the suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.

**End of Safety Data Sheet**