



# SAFETY DATA SHEET

## Permanent Strength Threadlocker

### 1. Product and Company Identification

**Product Code:** C26250  
**Product Name:** Permanent Strength Threadlocker  
**Company Name:** CYCLO INDUSTRIES, INC.  
902 SOUTH US HIGHWAY 1  
JUPITER, FL 33477  
**Phone Number:** (800)843-7813

**Web site address:** www.cyclo.com  
**Email address:** ehs@cyclo.com

**Emergency Contact:** First Aid Emergency (800)752-7869  
CHEMTREC (703) 527-3887 (800)424-9300  
**Information:** First Aid Emergency (Outside U.S.) (312)906-6194

**Part Number:** ND146

### 2. Hazards Identification

Skin Corrosion/Irritation, Category 1B  
Serious Eye Damage/Eye Irritation, Category 1  
Organic Peroxides, Type F  
Acute Toxicity: Inhalation, Category 3  
Specific Target Organ Toxicity (single exposure), Category 3  
Specific Target Organ Toxicity (repeated exposure), Category 2  
Aspiration Toxicity, Category 1  
Acute Toxicity: Oral, Category 4  
Acute Toxicity: Skin, Category 4  
Aquatic Toxicity (Acute), Category 1  
Aquatic Toxicity (Chronic), Category 2  
Skin Sensitization, Category 1  
Germ Cell Mutagenicity, Category 1B



**GHS Signal Word:** Danger

**GHS Hazard Phrases:** H242: Heating may cause a fire.  
H302: Harmful if swallowed.  
H304: May be fatal if swallowed and enters airways.  
H312: Harmful in contact with skin.  
H314: Causes severe skin burns and eye damage.  
H317: May cause an allergic skin reaction.  
H318: Causes serious eye damage.  
H331: Toxic if inhaled.  
H335: May cause respiratory irritation.  
H340: May cause genetic defects.  
H350: May cause cancer.  
H373: May cause damage to organs through prolonged or repeated exposure.  
H411: Toxic to aquatic life with long lasting effects.

**GHS Precaution Phrases:** P201: Obtain special instructions before use.  
P202: Do not handle until all safety precautions have been read and understood.  
P210: Keep away from heat/sparks/open flames/hot surfaces - No smoking.  
P220: Keep away from combustible materials.  
P234: Keep only in original container.  
P260: Do not breathe dust/fume/gas/mist/vapors/spray.



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Revision: 06/25/2015  
Supersedes Revision: 01/27/2012

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.  
 P273: Avoid release to the environment.  
 P280: Wear protective gloves/protective clothing/eye protection/face protection.  
 P301+330+331: IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.  
 P304+340: IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.  
 P303+361+353: IF ON SKIN (or hair): Remove/take off immediately all contaminated clothing. Rinse skin with water/shower.  
 P363: Wash contaminated clothing before reuse.  
 P305+351+338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
 P309+311: Call a POISON CENTER or doctor/physician if exposed or you feel unwell.

**GHS Response Phrases:**

**GHS Storage and Disposal Phrases:**

P405: Store locked up.  
 P410: Protect from sunlight.  
 P420: Store away from other materials.  
 P501: Dispose of contents/container in accordance with local/regional/national/international regulation.

**Potential Health Effects (Acute and Chronic):**

No data available.

**Medical Conditions Generally Aggravated By Exposure:**

Preexisting skin disorders.

**Aggravated By Exposure:**

### 3. Composition/Information on Ingredients

CAS #	Hazardous Components (Chemical Name)	Concentration
27813-02-1	Hydroxyalkyl methacrylate	20.0 -30.0 %
NA	Polyester Resin	20.0 -30.0 %
128-44-9	Saccharin, Sodium	1.0 -5.0 %
80-15-9	Cumene hydroperoxide	1.0 -5.0 %
NA	Hydrophobic Silica	1.0 -5.0 %

### 4. First Aid Measures

**Emergency and First Aid Procedures:**

If swallowed, do not induce vomiting. Rinse mouth. If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. In case of skin contact, immediately flush skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes. If in eyes, rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Call physician immediately if adverse reaction occurs.



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### 5. Fire Fighting Measures

<b>Flash Pt:</b>	> 160.00 C (320.0 F) Method Used: Pensky-Marten Closed Cup
<b>Explosive Limits:</b>	LEL: N.D. UEL: N.D.
<b>Autoignition Pt:</b>	Unknown
<b>Suitable Extinguishing Media:</b>	Dry chemical, CO2, sand, earth, water spray or regular foam.
<b>Fire Fighting Instructions:</b>	Wear a NIOSH approved self-contained breathing apparatus operated in pressure-demand or other positive pressure when fighting fires. Sealed containers may rupture explosively if exposed to heat.
<b>Flammable Properties and Hazards:</b>	No data available.
<b>Hazardous Combustion Products:</b>	Oxides of carbon

### 6. Accidental Release Measures

<b>Steps To Be Taken In Case Material Is Released Or Spilled:</b>	Maintain good ventilation. Take up with inert absorbent. Store in a closed waste container until disposal.
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### 7. Handling and Storage

<b>Precautions To Be Taken in Handling:</b>	Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Keep away from heat/sparks/open flames/hot surfaces - No smoking. Keep away from combustible materials. Keep only in original container. Do not breathe dust/fume/gas/mist/vapors/spray. Wash hands thoroughly after handling. Do not eat, drink or smoke when using this product. Use only outdoors or in a well-ventilated area. Contaminated work clothing should not be allowed out of the workplace. Avoid release to the environment. Wear protective gloves/protective clothing/eye protection/face protection. Keep out of the reach of children.
<b>Precautions To Be Taken in Storing:</b>	Store locked up. Protect from sunlight. Store away from other materials.

### 8. Exposure Controls/Personal Protection

CAS #	Partial Chemical Name	OSHA TWA	ACGIH TWA	Other Limits
27813-02-1	Hydroxyalkyl methacrylate	No data.	No data.	No data.
NA	Polyester Resin	No data.	No data.	No data.
128-44-9	Saccharin, Sodium	No data.	No data.	No data.
80-15-9	Cumene hydroperoxide	No data.	No data.	No data.
NA	Hydrophobic Silica	No data.	No data.	No data.
<b>Respiratory Equipment (Specify Type):</b>	NIOSH/MSHA approved respirator when exposure is expected to exceed applicable limits.			
<b>Eye Protection:</b>	Safety glasses			
<b>Protective Gloves:</b>	Rubber or plastic gloves.			
<b>Other Protective Clothing:</b>	No data available.			
<b>Engineering Controls (Ventilation etc.):</b>	No data available.			



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### 9. Physical and Chemical Properties

<b>Physical States:</b>	[ ] Gas [ X ] Liquid [ ] Solid
<b>Appearance and Odor:</b>	Red translucent liquid. Mild odor.
<b>pH:</b>	NP
<b>Melting Point:</b>	NA
<b>Boiling Point:</b>	> 200.00 C (392.0 F)
<b>Flash Pt:</b>	> 160.00 C (320.0 F) Method Used: Pensky-Marten Closed Cup
<b>Evaporation Rate:</b>	NA
<b>Flammability (solid, gas):</b>	No data available.
<b>Explosive Limits:</b>	LEL: N.D. UEL: N.D.
<b>Vapor Pressure (vs. Air or mm Hg):</b>	NE
<b>Vapor Density (vs. Air = 1):</b>	> 1
<b>Specific Gravity (Water = 1):</b>	1.07 - 1.17
<b>Solubility in Water:</b>	Insoluble
<b>Percent Volatile:</b>	No data.
<b>VOC / Volume:</b>	0.7550 LB/GA
<b>Autoignition Pt:</b>	Unknown

### 10. Stability and Reactivity

<b>Stability:</b>	Unstable [ ] Stable [ X ]
<b>Conditions To Avoid - Instability:</b>	Heat.
<b>Incompatibility - Materials To Avoid:</b>	No data available.
<b>Hazardous Decomposition or Byproducts:</b>	No data available.
<b>Possibility of Hazardous Reactions:</b>	Will occur [ ] Will not occur [ X ]
<b>Conditions To Avoid - Hazardous Reactions:</b>	Strong oxidizers.

### 11. Toxicological Information

**Toxicological Information:** No data available.

CAS #	Hazardous Components (Chemical Name)	NTP	IARC	ACGIH	OSHA
27813-02-1	Hydroxyalkyl methacrylate	n.a.	n.a.	n.a.	n.a.
NA	Polyester Resin	n.a.	n.a.	n.a.	n.a.
128-44-9	Saccharin, Sodium	n.a.	n.a.	n.a.	n.a.
80-15-9	Cumene hydroperoxide	n.a.	n.a.	n.a.	n.a.
NA	Hydrophobic Silica	n.a.	n.a.	n.a.	n.a.



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### 12. Ecological Information

No data available.

### 13. Disposal Considerations

**Waste Disposal Method:** Dispose of contents/container in accordance with local/regional/national/international regulation.

**Waste Disposal Method:** NH -

### 14. Transport Information

#### LAND TRANSPORT (US DOT):

**DOT Proper Shipping Name:** Not-Restricted  
**DOT Hazard Class:**  
**UN/NA Number:**

#### LAND TRANSPORT (European ADR/RID):

**ADR/RID Shipping Name:** Not-Restricted  
**UN Number:**  
**Hazard Class:**

#### MARINE TRANSPORT (IMDG/IMO):

**IMDG/IMO Shipping Name:** Not-Restricted

#### AIR TRANSPORT (ICAO/IATA):

**ICAO/IATA Shipping Name:** Not-Restricted

### 15. Regulatory Information

#### EPA SARA (Superfund Amendments and Reauthorization Act of 1986) Lists

CAS #	Hazardous Components (Chemical Name)	S. 302 (EHS)	S. 304 RQ	S. 313 (TRI)
27813-02-1	Hydroxyalkyl methacrylate	No	No	No
NA	Polyester Resin	No	No	No
128-44-9	Saccharin, Sodium	No	No	No
80-15-9	Cumene hydroperoxide	No	Yes 10 LB	Yes
NA	Hydrophobic Silica	No	No	No

#### CAS # Hazardous Components (Chemical Name)

#### Other US EPA or State Lists

27813-02-1	Hydroxyalkyl methacrylate	CAA HAP,ODC: No; CWA NPDES: No; TSCA: Yes - Inventory; CA PROP.65: No; CA TAC, Title 8: No; MA Oil/HazMat: No; MI CMR, Part 5: No; NC TAP: No; NJ EHS: No; NY Part 597: No; PA HSL: No; SC TAP: No; WI Air: No
NA	Polyester Resin	CAA HAP,ODC: No; CWA NPDES: No; TSCA: No; CA PROP.65: No; CA TAC, Title 8: No; MA Oil/HazMat: No; MI CMR, Part 5: No; NC TAP: No; NJ EHS: No; NY Part 597: No; PA HSL: No; SC TAP: No; WI Air: No
128-44-9	Saccharin, Sodium	CAA HAP,ODC: No; CWA NPDES: No; TSCA: Yes - Inventory; CA PROP.65: No; CA TAC, Title 8: No; MA Oil/HazMat: No; MI CMR, Part 5: No; NC TAP: No; NJ EHS: No; NY Part 597: No; PA HSL: Yes - S; SC TAP: No; WI Air: No
80-15-9	Cumene hydroperoxide	CAA HAP,ODC: No; CWA NPDES: No; TSCA: Yes - Inventory, 8D TERM; CA PROP.65: No; CA TAC, Title 8: TAC; MA Oil/HazMat: Yes; MI CMR, Part 5: Part 5; NC TAP: No; NJ EHS: Yes - 0543; NY Part 597: Yes; PA HSL: Yes - E; SC TAP: No; WI Air: No



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Revision: 06/25/2015

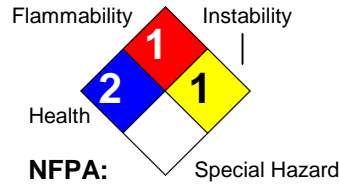
Supersedes Revision: 01/27/2012

<p>NA Hydrophobic Silica</p> <p><b>CAS #</b> 27813-02-1</p> <p>NA Polyester Resin 128-44-9</p> <p>80-15-9 Cumene hydroperoxide</p> <p>NA Hydrophobic Silica</p>	<p><b>Hazardous Components (Chemical Name)</b> Hydroxyalkyl methacrylate</p> <p>Saccharin, Sodium</p> <p>Cumene hydroperoxide</p> <p>Hydrophobic Silica</p>	<p>CAA HAP,ODC: No; CWA NPDES: No; TSCA: No; CA PROP.65: No; CA TAC, Title 8: No; MA Oil/HazMat: No; MI CMR, Part 5: No; NC TAP: No; NJ EHS: No; NY Part 597: No; PA HSL: No; SC TAP: No; WI Air: No</p> <p><b>International Regulatory Lists</b> Canadian DSL: Yes; Canadian NDSL: No; Taiwan TCSCA: Yes Canadian DSL: No; Canadian NDSL: No; Taiwan TCSCA: No Canadian DSL: Yes; Canadian NDSL: No; Taiwan TCSCA: Yes Canadian DSL: Yes; Canadian NDSL: No; Taiwan TCSCA: Yes Canadian DSL: No; Canadian NDSL: No; Taiwan TCSCA: No</p>
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### 16. Other Information

**Revision Date:** 06/25/2015

**Hazard Rating System:**



**Additional Information About This Product:** No data available.

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