

1. Product and Company Identification

Product Code: C27006
Product Name: High Strength Gel Threadlocker - Red
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

2. Hazards Identification

Organic Peroxides, Type F

Acute Toxicity: Inhalation, Category 3

Acute Toxicity: Oral, Category 4

Acute Toxicity: Skin, Category 4

Skin Corrosion/Irritation, Category 1B

Serious Eye Damage/Eye Irritation, Category 1

Skin Sensitization, Category 1

Germ Cell Mutagenicity, Category 1B

Carcinogenicity, Category 2

Specific Target Organ Toxicity (single exposure), Category 3

Specific Target Organ Toxicity (repeated exposure), Category 2

Aspiration Toxicity, Category 1

Aquatic Toxicity (Acute), Category 2

Aquatic Toxicity (Chronic), Category 2



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.
H351: Suspected of causing cancer.
H373: May cause damage to organs through prolonged or repeated exposure.
H401: Toxic to aquatic life.
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.



SAFETY DATA SHEET

High Strength Gel Threadlocker - Red

P260: Do not breathe dust/fume/gas/mist/vapors/spray.
 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.

3. Composition/Information on Ingredients

CAS #	Hazardous Components (Chemical Name)	Concentration
25852-47-5	Polyglycol dimethacrylate	<50.0 %
27813-02-1	Hydroxyalkyl methacrylate	<35.0 %
25608-33-7	Acrylic copolymer	<20.0 %
NA	Coumarone Indene	<10.0 %
67762-90-7	Siloxanes and silicones, di-me, reaction products with silica	<10.0 %
81-07-2	Saccharin	< 5.0 %
NA	Monomer	< 3.0 %
80-15-9	Cumene hydroperoxide	< 3.0 %
NA	Azo dye	< 1.0 %
57-55-6	Propylene glycol	<10.0 %



SAFETY DATA SHEET

High Strength Gel Threadlocker - Red

4. First Aid Measures

Emergency and First Aid Procedures: If swallowed, do not induce vomiting. Keep individual calm. If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. If in eyes, rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Wash skin with soap and water. Remove contaminated clothing. Call physician immediately if adverse reaction occurs.

5. Fire Fighting Measures

Flammability Classification: 1

Flash Pt: > 200.00 C (392.0 F) Method Used: Pensky-Marten Closed Cup

Explosive Limits: LEL: No data. UEL: No data.

Autoignition Pt: Unknown

Suitable Extinguishing Media: Water fog, carbon dioxide, foam, dry chemical.

Fire Fighting Instructions: 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.

Flammable Properties and Hazards: No data available.

No data available.

6. Accidental Release Measures

Steps To Be Taken In Case Material Is Released Or Spilled: Maintain good ventilation. Absorb spill with inert material (e.g. dry sand or earth), then place in a chemical waste container.

7. Handling and Storage

Precautions To Be Taken in Handling: 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.

Precautions To Be Taken in Storing: 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
25852-47-5	Polyglycol dimethacrylate	PEL: NE	TLV: NE	No data.
27813-02-1	Hydroxyalkyl methacrylate	PEL: NE	TLV: NE	No data.
25608-33-7	Acrylic copolymer	PEL: NE	TLV: NE	No data.
NA	Coumarone Indene	PEL: NE	TLV: NE	No data.
67762-90-7	Siloxanes and silicones, di-me, reaction products with silica	PEL: NE	TLV: NE	No data.
81-07-2	Saccharin	PEL: NE	TLV: NE	No data.
NA	Monomer	PEL: NE	TLV: NE	No data.
80-15-9	Cumene hydroperoxide	PEL: NE	TLV: NE	No data.

**High Strength Gel Threadlocker - Red**

Revision: 07/23/2015

Supersedes Revision: 05/21/2014

NA Azo dye

PEL: NE

TLV: NE

No data.

CEIL: NE

57-55-6 Propylene glycol

PEL: NE

TLV: NE

No data.

Respiratory Equipment (Specify Type):	An approved respirator should be worn when exposures are expected to exceed the applicable limits. Use in a well ventilated area.
Eye Protection:	Wear safety goggles.
Protective Gloves:	Rubber gloves
Other Protective Clothing:	Wear impervious clothing to prevent repeated, prolonged skin contact.
Engineering Controls (Ventilation etc.):	No data available.

9. Physical and Chemical Properties

Physical States:	[] Gas [X] Liquid [] Solid	
Appearance and Odor:	Red opaque liquid with cumene odor.	
pH:	NP	
Melting Point:	NA	
Boiling Point:	> 150.00 C (302.0 F)	
Flash Pt:	> 200.00 C (392.0 F) Method Used: Pensky-Marten Closed Cup	
Evaporation Rate:	NE	
Flammability (solid, gas):	No data available.	
Explosive Limits:	LEL: No data.	UEL: No data.
Vapor Pressure (vs. Air or mm Hg):	NE	
Vapor Density (vs. Air = 1):	No data.	
Specific Gravity (Water = 1):	> 1.0	
Solubility in Water:	Insoluble	
Percent Volatile:	No data.	
VOC / Volume:	0.4114	
Autoignition Pt:	Unknown	

10. Stability and Reactivity

Stability:	Unstable [] Stable [X]
Conditions To Avoid - Instability:	As supplied; avoid unintentional mixing of material with free radical initiators, oxidizing agents, reducing agents and metal oxides. Avoid storage temperatures exceeding 100F. Avoid absence of oxygen, and direct sunlight.
Incompatibility - Materials To Avoid:	Avoid strong oxidizing agents and storage temperatures exceeding 120F. Avoid exposure to steel or rust.
Hazardous Decomposition or Byproducts:	Combustion yields oxides of carbon and possible toxic fumes. CO, CO2.
Possibility of Hazardous Reactions:	Will occur [] Will not occur [X]
Conditions To Avoid - Hazardous Reactions:	Heat



SAFETY DATA SHEET

High Strength Gel Threadlocker - Red

11. Toxicological Information

Toxicological Information: No data available.

CAS #	Hazardous Components (Chemical Name)	NTP	IARC	ACGIH	OSHA
25852-47-5	Polyglycol dimethacrylate	n.a.	n.a.	n.a.	n.a.
27813-02-1	Hydroxyalkyl methacrylate	n.a.	n.a.	n.a.	n.a.
25608-33-7	Acrylic copolymer	n.a.	n.a.	n.a.	n.a.
NA	Coumarone Indene	n.a.	n.a.	n.a.	n.a.
67762-90-7	Siloxanes and silicones, di-me, reaction products with silica	n.a.	n.a.	n.a.	n.a.
81-07-2	Saccharin	n.a.	3	n.a.	n.a.
NA	Monomer	n.a.	n.a.	n.a.	n.a.
80-15-9	Cumene hydroperoxide	n.a.	n.a.	n.a.	n.a.
NA	Azo dye	n.a.	n.a.	n.a.	n.a.
57-55-6	Propylene glycol	n.a.	n.a.	n.a.	n.a.

12. Ecological Information

No data available.

13. Disposal Considerations

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

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)
25852-47-5	Polyglycol dimethacrylate	No	No	No
27813-02-1	Hydroxyalkyl methacrylate	No	No	No
25608-33-7	Acrylic copolymer	No	No	No
NA	Coumarone Indene	No	No	No
67762-90-7	Siloxanes and silicones, di-me, reaction products with silica	No	No	No
81-07-2	Saccharin	No	No	Yes
NA	Monomer	No	No	No



SAFETY DATA SHEET

High Strength Gel Threadlocker - Red

Revision: 07/23/2015

Supersedes Revision: 05/21/2014

80-15-9	Cumene hydroperoxide	No	Yes 10 LB	Yes
NA	Azo dye	No	No	No
57-55-6	Propylene glycol	No	No	No

CAS # Hazardous Components (Chemical Name)

Other US EPA or State Lists

25852-47-5	Polyglycol dimethacrylate	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
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
25608-33-7	Acrylic copolymer	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	Coumarone Indene	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
67762-90-7	Siloxanes and silicones, di-me, reaction products with silica	CAA HAP,ODC: No; CWA NPDES: No; TSCA: Yes - Inventory, 8A, 8A PAIR; 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
81-07-2	Saccharin	CAA HAP,ODC: No; CWA NPDES: No; TSCA: Yes - Inventory; CA PROP.65: No; CA TAC, Title 8: No; MA Oil/HazMat: Yes; MI CMR, Part 5: Part 5; NC TAP: No; NJ EHS: Yes - 1641; NY Part 597: Yes; PA HSL: Yes - B; SC TAP: No; WI Air: No
NA	Monomer	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
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
NA	Azo dye	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
57-55-6	Propylene glycol	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: Yes - 3595; NY Part 597: No; PA HSL: Yes - 1; SC TAP: No; WI Air: No

CAS # Hazardous Components (Chemical Name)

International Regulatory Lists

25852-47-5	Polyglycol dimethacrylate	Canadian DSL: Yes; Canadian NDSL: No; Taiwan TCSCA: Yes
27813-02-1	Hydroxyalkyl methacrylate	Canadian DSL: Yes; Canadian NDSL: No; Taiwan TCSCA: Yes



High Strength Gel Threadlocker - Red

Revision: 07/23/2015

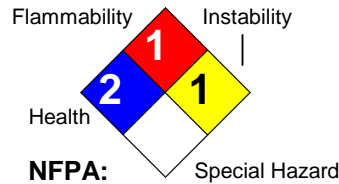
Supersedes Revision: 05/21/2014

25608-33-7	Acrylic copolymer	Canadian DSL: Yes; Canadian NDSL: No; Taiwan TCSCA: Yes
NA	Coumarone Indene	Canadian DSL: No; Canadian NDSL: No; Taiwan TCSCA: No
67762-90-7	Siloxanes and silicones, di-me, reaction products with silica	Canadian DSL: Yes; Canadian NDSL: No; Taiwan TCSCA: Yes
81-07-2	Saccharin	Canadian DSL: Yes; Canadian NDSL: No; Taiwan TCSCA: Yes
NA	Monomer	Canadian DSL: No; Canadian NDSL: No; Taiwan TCSCA: No
80-15-9	Cumene hydroperoxide	Canadian DSL: Yes; Canadian NDSL: No; Taiwan TCSCA: Yes
NA	Azo dye	Canadian DSL: No; Canadian NDSL: No; Taiwan TCSCA: No
57-55-6	Propylene glycol	Canadian DSL: Yes; Canadian NDSL: No; Taiwan TCSCA: Yes

16. Other Information

Revision Date: 07/23/2015

Hazard Rating System:



Additional Information About This Product: No data available.

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