

1. Product and Company Identification

Product Code: C62050
Product Name: Extreme Temp Retaining Compound
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

Specific Target Organ Toxicity (single exposure), Category 3
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
Specific Target Organ Toxicity (repeated exposure), Category 2
Aquatic Toxicity (Acute), Category 2
Aquatic Toxicity (Chronic), Category 2
Germ Cell Mutagenicity, Category 1B
Aspiration Toxicity, Category 1
Carcinogenicity, 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.

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Supersedes Revision: 01/30/2012

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
NA	Ethoxylated Dimethacrylate	60.0 -70.0 %
27813-02-1	Hydroxyalkyl methacrylate	10.0 -20.0 %
80-15-9	Cumene hydroperoxide	1.0 -5.0 %
79-10-7	Acrylic acid	<=1.0 %
110-16-7	Maleic acid	<=1.0 %

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

Flash Pt:	> 200.00 F (93.3 C)	Method Used: TAG Closed Cup
Explosive Limits:	LEL: No data.	UEL: No data.
Autoignition Pt:	No data.	
Suitable Extinguishing Media:	Foam, dry chemical or carbon dioxide.	
Fire Fighting Instructions:	No data available.	
Flammable Properties and Hazards:	No data available.	
Hazardous Combustion Products:	Oxides of carbon, oxides of sulfur, oxides of nitrogen, toxic fumes, irritating organic vapors.	

6. Accidental Release Measures

Steps To Be Taken In Case Material Is Released Or Spilled:	Prevent from entering drains or open waters. Ensure adequate ventilation. Soak up with inert absorbent. Store in a partially filled, closed container until disposal.
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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.
Other Precautions:	Anaerobics sealants are not recommended for use in oxygen rich systems.

8. Exposure Controls/Personal Protection

CAS #	Partial Chemical Name	OSHA TWA	ACGIH TWA	Other Limits
NA	Ethoxylated Dimethacrylate	No data.	No data.	No data.
27813-02-1	Hydroxyalkyl methacrylate	No data.	No data.	No data.
80-15-9	Cumene hydroperoxide	No data.	No data.	No data.
79-10-7	Acrylic acid	No data.	TLV: 2 ppm	No data.
110-16-7	Maleic acid	No data.	No data.	No data.
Respiratory Equipment (Specify Type):	NIOSH/MSHA approved respirator when exposure is expected to exceed applicable limits.			
Eye Protection:	Safety goggles or safety glasses with side shields.			
Protective Gloves:	Impermeable gloves.			
Other Protective Clothing:	Protective clothing as necessary to prevent skin contact.			
Engineering Controls (Ventilation etc.):	No data available.			



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9. Physical and Chemical Properties

Physical States:	[] Gas [X] Liquid [] Solid	
Appearance and Odor:	Green liquid. Mild odor.	
pH:	NP	
Melting Point:	NA	
Boiling Point:	> 300.00 F (148.9 C)	
Flash Pt:	> 200.00 F (93.3 C) Method Used: TAG Closed Cup	
Evaporation Rate:	NP	
Flammability (solid, gas):	No data available.	
Explosive Limits:	LEL: No data.	UEL: No data.
Vapor Pressure (vs. Air or mm Hg):	< 5mMHg@27C	
Vapor Density (vs. Air = 1):	NA	
Specific Gravity (Water = 1):	No data.	
Solubility in Water:	Slight	
Percent Volatile:	No data.	
VOC / Volume:	0.7590 LB/GA	
Autoignition Pt:	No data.	

10. Stability and Reactivity

Stability:	Unstable [] Stable [X]
Conditions To Avoid - Instability:	No data available.
Incompatibility - Materials To Avoid:	Strong oxidizers.
Hazardous Decomposition or Byproducts:	Oxides of carbon, oxides of sulfur, oxides of nitrogen, toxic fumes, irritating organic vapors.
Possibility of Hazardous Reactions:	Will occur [] Will not occur [X]
Conditions To Avoid - Hazardous Reactions:	No data available.

11. Toxicological Information

Toxicological Information: Contains chemicals known to the state of CA to cause cancer, birth defects or other reproductive harm (Prop 65).

CAS #	Hazardous Components (Chemical Name)	NTP	IARC	ACGIH	OSHA
NA	Ethoxylated Dimethacrylate	n.a.	n.a.	n.a.	n.a.
27813-02-1	Hydroxyalkyl methacrylate	n.a.	n.a.	n.a.	n.a.
80-15-9	Cumene hydroperoxide	n.a.	n.a.	n.a.	n.a.
79-10-7	Acrylic acid	n.a.	3	A4	n.a.
110-16-7	Maleic acid	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.

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)
NA	Ethoxylated Dimethacrylate	No	No	No
27813-02-1	Hydroxyalkyl methacrylate	No	No	No
80-15-9	Cumene hydroperoxide	No	Yes 10 LB	Yes
79-10-7	Acrylic acid	No	Yes 5000 LB	Yes
110-16-7	Maleic acid	No	Yes 5000 LB	No

CAS # Hazardous Components (Chemical Name)

Other US EPA or State Lists

NA	Ethoxylated Dimethacrylate	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
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
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
79-10-7	Acrylic acid	CAA HAP,ODC: HAP; CWA NPDES: No; TSCA: Yes - Inventory, 4 Test; CA PROP.65: No; CA TAC, Title 8: TAC, Title 8; MA Oil/HazMat: Yes; MI CMR, Part 5: Part 5; NC TAP: Yes; NJ EHS: Yes - 0023; NY Part 597: Yes; PA HSL: Yes - E; SC TAP: Yes; WI Air: Yes
110-16-7	Maleic acid	CAA HAP,ODC: No; CWA NPDES: No; TSCA: Yes - Inventory; CA PROP.65: No; CA TAC, Title 8: Title 8; MA



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Oil/HazMat: Yes; MI CMR, Part 5: Part 5; NC TAP: No; NJ EHS: Yes - 1151; NY Part 597: Yes; PA HSL: Yes - E; SC TAP: No; WI Air: No

CAS #	Hazardous Components (Chemical Name)
NA	Ethoxylated Dimethacrylate
27813-02-1	Hydroxyalkyl methacrylate
80-15-9	Cumene hydroperoxide
79-10-7	Acrylic acid
110-16-7	Maleic acid

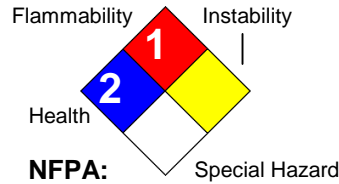
International Regulatory Lists

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: Yes; Canadian NDSL: No; Taiwan TCSCA: Yes
 Canadian DSL: Yes; Canadian NDSL: No; Taiwan TCSCA: Yes

16. Other Information

Revision Date: 06/24/2015

Hazard Rating System:



Additional Information About This Product: No data available.

Company Policy or Disclaimer:

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