

according to Regulation (EC) No. 1907/2006 as amended by (EC) No. 1272/2008

### Section 1. Identification of the Substance/Mixture and of the Company/Undertaking

- 1.1 **Product Code:** C56750  
**Product Name:** High Temp Pipe Sealant with PTFE
- 1.2 **Relevant identified uses of the substance or mixture and uses advised against:**
- 1.3 **Details of the Supplier of the Safety Data Sheet:**

**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

**Information:** First Aid Emergency (Outside U.S.) (312)906-6194

- 1.4 **Emergency telephone number:**
- Emergency Contact:** First Aid Emergency (800)752-7869  
CHEMTREC (703) 527-3887 (800)424-9300

### Section 2. Hazards Identification

- 2.1 **Classification of the Substance or Mixture:**
- Organic Peroxides, Type F
  - Acute Toxicity: Inhalation, Category 4
  - Skin Corrosion/Irritation, Category 2
  - Serious Eye Damage/Eye Irritation, Category 1
  - Specific Target Organ Toxicity (repeated exposure), Category 2
  - Specific Target Organ Toxicity (single exposure), Category 3
  - Aspiration Toxicity, Category 1
  - Carcinogenicity, Category 2
  - Acute Toxicity: Oral, Category 4
  - Acute Toxicity: Skin, Category 4
  - Aquatic Toxicity (Acute), Category 2
  - Skin Sensitization, Category 1
  - Aquatic Toxicity (Chronic), Category 2

- 2.2 **Label Elements:**



**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.  
H315: Causes skin irritation.  
H317: May cause an allergic skin reaction.  
H318: Causes serious eye damage.  
H332: Harmful if inhaled.



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H335: May cause respiratory irritation.  
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.  
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.

### GHS Response Phrases:

P301+310: IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.  
P312: Call a POISON CENTER or doctor/physician if you feel unwell.  
P302+352: IF ON SKIN: Wash with plenty of soap and water.  
P304+340: IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.  
P305+351+338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
P308+313: IF exposed or concerned: Get medical attention/advice.  
P310: Immediately call a POISON CENTER or doctor/physician.  
P314: Get medical attention/advice if you feel unwell.  
P321: Specific treatment {see ... on this label}.  
P330: Rinse mouth.  
P331: Do NOT induce vomiting.  
P332+313: If skin irritation occurs, get medical advice/attention.  
P333+313: If skin irritation or rash occurs, seek medical advice/attention.  
P362+364: Take off contaminated clothing and wash it before reuse.  
P391: Collect spillage.

### 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.

## 2.3 Adverse Human Health No data available.

### Effects and Symptoms:

**Medical Conditions** Eye, skin and respiratory disorders.

### Generally Aggravated

### By Exposure:



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### Section 3. Composition/Information on Ingredients

CAS #	Hazardous Components (Chemical Name)/ REACH Registration No.	Concentration	EC No./ EC Index No.	GHS Classification
NA	Polyester Resin	20.0 -30.0 %	NA NA	No data available.
NA	Copolymer	5.0 -10.0 %	NA NA	No data available.
8002-74-2	Paraffin waxes and hydrocarbon waxes	5.0 -10.0 %	232-315-6 NA	Eye Damage 2B: H320 STOT (SE) 3: H335
57-55-6	Propylene glycol	1.0 -5.0 %	200-338-0 NA	No data available.
128-44-9	Saccharin, Sodium	1.0 -5.0 %	204-886-1 NA	No data available.
NA	Hydrophobic silica	1.0 -5.0 %	NA NA	No data available.
NA	Titanium Dioxide	1.0 -5.0 %	NA NA	No data available.
99-97-8	N,N-Dimethyl-p-toluidine	<=1.0 %	202-805-4 612-056-00-9	Acute Tox.(O) 3: H301 Acute Tox.(D) 3: H311 Acute Tox.(I) 3: H331 STOT (RE) 2: H373 Aquatic (C) 3: H412
80-15-9	Cumene hydroperoxide	<=1.0 %	201-254-7 617-002-00-8	Org. Perox. E: H242 Acute Tox.(O) 4: H302 Acute Tox.(D) 4: H312 Skin Corr. 1B: H314 Acute Tox.(I) 3: H331 STOT (RE) 2: H373 Aquatic (C) 2: H411
609-72-3	N,N-Dimethyl-o-toluidine	<=1.0 %	210-199-8 612-056-00-9	Acute Tox.(O) 3: H301 Acute Tox.(D) 3: H311 Acute Tox.(I) 3: H331 STOT (RE) 2: H373 Aquatic (C) 3: H412



## Section 4. First Aid Measures

- 4.1 Description of First Aid Measures:** 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.

## Section 5. Fire Fighting Measures

- 5.1 Suitable Extinguishing Media:** Foam, dry chemical or carbon dioxide.
- 5.2 Flammable Properties and Hazards:** No data available.
- Hazardous Combustion Products:** Oxides of carbon, oxides of sulfur, oxides of nitrogen, toxic fluorine compounds, irritation organic vapors.
- Flash Pt:** 200.00 C (392.0 F) Method Used: Pensky-Marten Closed Cup
- Explosive Limits:** LEL: No data. UEL: No data.
- Autoignition Pt:** No data.
- 5.3 Fire Fighting Instructions:** Use NIOSH/MSHA approved positive pressure self-contained breathing apparatus when any material is involved in a fire.

## Section 6. Accidental Release Measures

- 6.1 Protective Precautions, Protective Equipment and Emergency Procedures:** No data available.
- 6.2 Environmental Precautions:** No data available.
- 6.3 Methods and Material For Containment and Cleaning Up:** Prevent product from entering drains or open waters. Soak up with inert absorbent. Store in a partially filled, closed container until disposal.

## Section 7. Handling and Storage

- 7.1 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.
- 7.2 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.



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## High Temp Pipe Sealant with PTFE

### Section 8. Exposure Controls/Personal Protection

#### 8.1 Exposure Parameters:

CAS #	Partial Chemical Name	Britain EH40	France VL	Europe
NA	Polyester Resin	No data.	No data.	No data.
NA	Copolymer	No data.	No data.	No data.
8002-74-2	Paraffin waxes and hydrocarbon waxes	TWA: 2 mg/m3 () STEL: 6 mg/m3 () (Fume)	TWA: 2 mg/m3	No data.
57-55-6	Propylene glycol	TWA: 474 mg/m3 (150 ppm) (Total Particulates)	No data.	No data.
128-44-9	Saccharin, Sodium	No data.	No data.	No data.
NA	Hydrophobic silica	No data.	No data.	No data.
NA	Titanium Dioxide	No data.	No data.	No data.
99-97-8	N,N-Dimethyl-p-toluidine	No data.	No data.	No data.
80-15-9	Cumene hydroperoxide	No data.	No data.	No data.
609-72-3	N,N-Dimethyl-o-toluidine	No data.	No data.	No data.
CAS #	Partial Chemical Name	OSHA TWA	ACGIH TWA	Other Limits
NA	Polyester Resin	No data.	No data.	No data.
NA	Copolymer	No data.	No data.	No data.
8002-74-2	Paraffin waxes and hydrocarbon waxes	No data.	TLV: 2 mg/m3	No data.
57-55-6	Propylene glycol	No data.	No data.	No data.
128-44-9	Saccharin, Sodium	No data.	No data.	No data.
NA	Hydrophobic silica	No data.	No data.	No data.
NA	Titanium Dioxide	No data.	No data.	No data.
99-97-8	N,N-Dimethyl-p-toluidine	No data.	No data.	No data.
80-15-9	Cumene hydroperoxide	No data.	No data.	No data.
609-72-3	N,N-Dimethyl-o-toluidine	No data.	No data.	No data.

#### 8.2 Exposure Controls:

**8.2.1 Engineering Controls** No data available.  
(Ventilation etc.):

#### 8.2.2 Personal protection equipment:

**Eye Protection:** Safety goggles or safety glasses with side shields.

**Protective Gloves:** Impermeable gloves.

**Other Protective** Protective clothing as necessary to prevent skin contact.

#### Clothing:

**Respiratory Equipment** NIOSH/MSHA approved respirator when exposure is expected to exceed applicable  
(Specify Type): limits.

No data available.



## Section 9. Physical and Chemical Properties

### 9.1 Information on Basic Physical and Chemical Properties

**Physical States:** [ ] Gas [ X ] Liquid [ X ] Solid  
**Appearance and Odor:** Pink, beige paste with sweet, plastic odor.  
**pH:** NP  
**Melting Point:** NA  
**Boiling Point:** > 300.00 F (148.9 C)  
**Flash Pt:** 200.00 C (392.0 F) Method Used: Pensky-Marten Closed Cup  
**Evaporation Rate:** NA  
**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):** 1.14  
**Solubility in Water:** Slight  
**Autoignition Pt:** No data.

### 9.2 Other Information

**Percent Volatile:** 0.0 % by weight.  
**VOC / Volume:** 0.5360 LB/GA

## Section 10. Stability and Reactivity

**10.1 Reactivity:** No data available.  
**10.2 Stability:** Unstable [ ] Stable [ X ]  
**10.3 Conditions To Avoid - Hazardous Reactions:** No data available.  
**Possibility of Hazardous Reactions:** Will occur [ ] Will not occur [ X ]  
**10.4 Conditions To Avoid - Instability:** Exposure to sunlight, heat, flames and sparks.  
**10.5 Incompatibility - Materials To Avoid:** Strong oxidizers, reducing agents, acids, bases, rust, zinc, aluminum, iron, copper, alkalis, aldehydes, amines, free radical initiators, peroxide.  
**10.6 Hazardous Decomposition or Byproducts:** Oxides of carbon, oxides of sulfur, oxides of nitrogen, toxic flourine compounds, irritation organic vapors.



## Section 11. Toxicological Information

**11.1 Information on** No data available.

### Toxicological Effects:

CAS #	Hazardous Components (Chemical Name)	NTP	IARC	ACGIH	OSHA
NA	Polyester Resin	n.a.	n.a.	n.a.	n.a.
NA	Copolymer	n.a.	n.a.	n.a.	n.a.
8002-74-2	Paraffin waxes and hydrocarbon waxes	n.a.	n.a.	n.a.	n.a.
57-55-6	Propylene glycol	n.a.	n.a.	n.a.	n.a.
128-44-9	Saccharin, Sodium	n.a.	n.a.	n.a.	n.a.
NA	Hydrophobic silica	n.a.	n.a.	n.a.	n.a.
NA	Titanium Dioxide	n.a.	n.a.	n.a.	n.a.
99-97-8	N,N-Dimethyl-p-toluidine	n.a.	n.a.	n.a.	n.a.
80-15-9	Cumene hydroperoxide	n.a.	n.a.	n.a.	n.a.
609-72-3	N,N-Dimethyl-o-toluidine	n.a.	n.a.	n.a.	n.a.

## Section 12. Ecological Information

**12.1 Toxicity:** No data available.

**12.2 Persistence and** No data available.

### Degradability:

**12.3 Bioaccumulative** No data available.

### Potential:

**12.4 Mobility in Soil:** No data available.

**12.5 Results of PBT and** No data available.

### vPvB assessment:

**12.6 Other adverse effects:** No data available.

## Section 13. Disposal Considerations

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

## Section 14. Transport Information

**14.1 LAND TRANSPORT (European ADR/RID):**

**ADR/RID Shipping Name:** Not-Restricted

**UN Number:**

**Hazard Class:**

**14.2 MARINE TRANSPORT (IMDG/IMO):**

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

**14.3 AIR TRANSPORT (ICAO/IATA):**

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



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### Section 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	Polyester Resin	No	No	No
NA	Copolymer	No	No	No
8002-74-2	Paraffin waxes and hydrocarbon waxes	No	No	No
57-55-6	Propylene glycol	No	No	No
128-44-9	Saccharin, Sodium	No	No	No
NA	Hydrophobic silica	No	No	No
NA	Titanium Dioxide	No	No	No
99-97-8	N,N-Dimethyl-p-toluidine	No	No	No
80-15-9	Cumene hydroperoxide	No	Yes 10 LB	Yes
609-72-3	N,N-Dimethyl-o-toluidine	No	No	No

**CAS # Hazardous Components (Chemical Name)**
**Other US EPA or State Lists**

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
NA	Copolymer	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
8002-74-2	Paraffin waxes and hydrocarbon waxes	CAA HAP,ODC: No; CWA NPDES: No; TSCA: Yes - Inventory; CA PROP.65: No; CA TAC, Title 8: Title 8; MA Oil/HazMat: No; MI CMR, Part 5: No; NC TAP: No; NJ EHS: Yes - 3414; NY Part 597: No; PA HSL: Yes - 1; 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
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
NA	Hydrophobic silica	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
NA	Titanium Dioxide	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
99-97-8	N,N-Dimethyl-p-toluidine	CAA HAP,ODC: No; CWA NPDES: No; TSCA: Yes - Inventory; CA PROP.65: No; CA TAC, Title 8: No; MA





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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

609-72-3 N,N-Dimethyl-o-toluidine

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

### CAS # Hazardous Components (Chemical Name)

NA	Polyester Resin
NA	Copolymer
8002-74-2	Paraffin waxes and hydrocarbon waxes
57-55-6	Propylene glycol
128-44-9	Saccharin, Sodium
NA	Hydrophobic silica
NA	Titanium Dioxide
99-97-8	N,N-Dimethyl-p-toluidine
80-15-9	Cumene hydroperoxide
609-72-3	N,N-Dimethyl-o-toluidine

### International Regulatory Lists

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

### European Community Hazard Symbol codes:

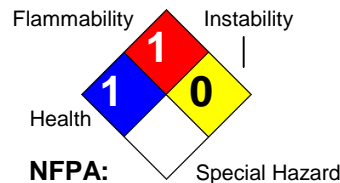
### European Community Risk and Safety Phrases:

No data available.

## Section 16. Other Information

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### Hazard Rating System:



Additional Information About No data available.

### This Product:

### Company Policy or

### Disclaimer:

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