



# SAFETY DATA SHEET

## High Temp Pipe Sealant with PTFE

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Revision: 06/25/2015

Supersedes Revision: 02/27/2012

### 1. Product and Company Identification

**Product Code:** C56750  
**Product Name:** High Temp Pipe Sealant with PTFE  
**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 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



**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.  
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.



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**GHS Response Phrases:**

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+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.

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

No data available.

**Medical Conditions Generally** Eye, skin and respiratory disorders.**Aggravated By Exposure:**

### 3. Composition/Information on Ingredients

CAS #	Hazardous Components (Chemical Name)	Concentration
NA	Polyester Resin	20.0 -30.0 %
NA	Copolymer	5.0 -10.0 %
8002-74-2	Paraffin waxes and hydrocarbon waxes	5.0 -10.0 %
57-55-6	Propylene glycol	1.0 -5.0 %
128-44-9	Saccharin, Sodium	1.0 -5.0 %
NA	Hydrophobic silica	1.0 -5.0 %
NA	Titanium Dioxide	1.0 -5.0 %
99-97-8	N,N-Dimethyl-p-toluidine	<=1.0 %
80-15-9	Cumene hydroperoxide	<=1.0 %
609-72-3	N,N-Dimethyl-o-toluidine	<=1.0 %



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### 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.

### 5. Fire Fighting Measures

**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.

**Suitable Extinguishing Media:** Foam, dry chemical or carbon dioxide.

**Fire Fighting Instructions:** Use NIOSH/MSHA approved positive pressure self-contained breathing apparatus when any material is involved in a fire.

**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.

### 6. Accidental Release Measures

**Steps To Be Taken In Case Material Is Released Or Spilled:** Prevent product from entering drains or open waters. Soak up with inert absorbent. Store in a partially filled, closed container until disposal.

### 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	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.



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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.

<b>Respiratory Equipment (Specify Type):</b>	NIOSH/MSHA approved respirator when exposure is expected to exceed applicable limits.
<b>Eye Protection:</b>	Safety goggles or safety glasses with side shields.
<b>Protective Gloves:</b>	Impermeable gloves.
<b>Other Protective Clothing:</b>	Protective clothing as necessary to prevent skin contact.
<b>Engineering Controls (Ventilation etc.):</b>	No data available.

## 9. 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		
Percent Volatile:	0.0 % by weight.		
VOC / Volume:	0.5360 LB/GA		
Autoignition Pt:	No data.		

## 10. Stability and Reactivity

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



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### 11. Toxicological Information

**Toxicological Information:** No data available.

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.

### 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	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



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80-15-9

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 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)****International Regulatory Lists**

NA

Polyester Resin

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

NA

Copolymer

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

8002-74-2

Paraffin waxes and hydrocarbon waxes

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

57-55-6

Propylene glycol

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



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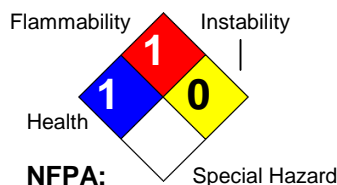
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128-44-9	Saccharin, Sodium	Yes	Canadian DSL: Yes; Canadian NDSL: No; Taiwan TCSCA: Yes
NA	Hydrophobic silica	Canadian DSL: No; Canadian NDSL: No; Taiwan TCSCA: No	
NA	Titanium Dioxide	Canadian DSL: No; Canadian NDSL: No; Taiwan TCSCA: No	
99-97-8	N,N-Dimethyl-p-toluidine	Canadian DSL: Yes; Canadian NDSL: No; Taiwan TCSCA: Yes	
80-15-9	Cumene hydroperoxide	Canadian DSL: Yes; Canadian NDSL: No; Taiwan TCSCA: Yes	
609-72-3	N,N-Dimethyl-o-toluidine	Canadian DSL: Yes; Canadian NDSL: No; Taiwan TCSCA: Yes	

## 16. Other Information

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

**Hazard Rating System:**



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

**Company Policy or Disclaimer:**

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