



# SAFETY DATA SHEET

Christy's® Ultra Seal T-10,000 Pipe Thread Sealant

Date Revised: **MAY 2020**  
Supersedes: **APR 2018**

## SECTION 1 - PRODUCT AND COMPANY IDENTIFICATION

**PRODUCT NAME:** Christy's® Ultra Seal T-10,000 Pipe Thread Sealant

**PRODUCT USE:** Pipe Thread Sealant

**RESTRICTIONS ON USE:** No relevant information available

**SUPPLIER:**

**MANUFACTURER:**

IPS Corporation  
17109 South Main Street, Gardena, CA 90248-3127  
P.O. Box 379, Gardena, CA 90247-0379  
Tel. 1-310-898-3300 E-mail address: EHSinfo@ipscorp.com

**EMERGENCY:** Transportation: CHEMTEL Tel. 800.255-3924, +1 813-248-0585 (International)

**Medical:** CHEMTEL Tel. 800.255-3924, +1 813-248-0585 (International)

## SECTION 2 - HAZARDS IDENTIFICATION

**GHS CLASSIFICATION:**

Health		Environmental	
Acute Toxicity:	Category 4	Specific target organ toxicity (single exposure)	Category 3
Skin Irritation:	Category 2	Acute Toxicity:	None Known
Carcinogenicity:	Category 4	Chronic Toxicity:	None Known
Eye Irritation:	Category 2A	<b>Physical</b>	
		Flammable Liquid	Category 2

**GHS LABEL:**



**Signal Word: Warning**

### HAZARD STATEMENTS

H227: Combustible liquid  
H302 + H213: Harmful if swallowed. Harmful in contact with skin.  
H316: Causes mild skin irritation  
H302 + H312 + H332: Harmful if swallowed, in contact with skin or if inhaled.  
H315: Causes skin irritation.  
H319: Causes serious eye irritation.  
H336: May cause drowsiness or dizziness.

### PRECAUTIONARY STATEMENTS

P210: Keep away from heat/sparks/open flames/hot surfaces. No smoking.  
P261: Avoid breathing dust/ fume/ gas/ mist/ vapors/ spray.  
P264: Wash skin thoroughly after handling.  
P270: Do not eat, drink or smoke when using this product.  
P271: Use only outdoors or in a well-ventilated area.  
P280: Wear protective gloves/ eye protection/ face protection

### RESPONSE STATEMENTS

P301+310: IF SWALLOWED: Call a POISON CENTER and get Medical Attention  
P331: Do NOT induce vomiting.  
P303+361+353: IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water [or shower].  
P304+340: IF INHALED: Remove person to fresh air and keep comfortable for breathing.  
P305+P351+P338: 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 advice/attention.

**Physical Hazards Not Otherwise Classified:** Rapidly absorbed through skin.

## SECTION 3 - COMPOSITION/INFORMATION ON INGREDIENTS

	CAS	EINECS	REACH	CONCENTRATION
			Registration Number	% by Weight
2-butoxyethanol (Ethylene glycol butyl ether)*	111-76-2	203-905-0	01-2119475108-36-0002	10 - 20
Isopropyl alcohol (2-Propanol) *	67-63-0	203-726-8	01-2119457558-25-0001	10 - 15

All of the constituents of this adhesive product are listed on the TSCA inventory of chemical substances maintained by the US EPA, or are exempt from that listing.  
\* Indicates this chemical is subject to the reporting requirements of Section 313 of the Emergency Planning and Community Right-to-Know Act of 1986 (40CFR372).  
# indicates that this chemical is found on Proposition 65's List of chemicals known to the State of California to cause cancer or reproductive toxicity.

## SECTION 4 - FIRST AID MEASURES

**Contact with eyes:** Remove contact lenses if any. If eye irritation persists consult physician after flushing eyes with tepid water for 15 minutes  
**Skin contact:** Remove contaminated clothing and shoes. Wash skin thoroughly with soap and water. If irritation develops, seek medical advice.  
**Inhalation:** Remove to fresh air. If breathing is stopped, give artificial respiration. If breathing is difficult, give oxygen. Seek medical advice.  
**Ingestion:** Rinse mouth with water. Give 1 or 2 glasses of water or milk to dilute. Do not induce vomiting. Seek medical advice immediately.

## SECTION 5 - FIREFIGHTING MEASURES

**Suitable Extinguishing Media:** Water spray, foam, CO2 or dry powder  
**Unsuitable Extinguishing Media:** Water stream  
**Exposure Hazards:** Carbon oxides  
**Specific Hazards:** Intense heat may cause violent rupture or container  
Contact with strong Oxidizers may cause fires or explosions.  
**Protection for Firefighters:** Self-contained breathing apparatus or full-face positive pressure airline masks.  
**HMIS**      **NFPA**      0-Minimal  
Health      2      2      1-Slight  
Flammability      1      1      2-Moderate  
Reactivity      0      0      3-Serious  
B      4-Severe  
*Safety Glasses and Gloves*

## SECTION 6 - ACCIDENTAL RELEASE MEASURES

**Personal precautions:** Immediately contact emergency personnel. Evacuate any potentially affected area.  
Ventilate closed spaces before entering them. Vapor can collect in lower areas.  
**Environmental Precautions:** Prevent product or liquids contaminated with product from entering sewers, drains, soil or open water course.  
**Methods for Cleaning up:** Clean up with sand or other inert absorbent material. Transfer to a closable metal container

## SECTION 7 - HANDLING AND STORAGE

**Handling:** Avoid breathing of vapor, avoid contact with eyes, skin and clothing.  
Use with adequate ventilation. Always open containers slowly to allow any excess pressure to vent.  
Do not eat, drink or smoke while handling. Wash thoroughly with soap and water after handling.  
**Storage:** Store in ventilated room or shade below 27°C (80°F) and away from direct sunlight.  
Keep all containers tightly closed when not in use.

## SECTION 8 - PRECAUTIONS TO CONTROL EXPOSURE / PERSONAL PROTECTION

EXPOSURE LIMITS:	Component	ACGIH	ACGIH	OSHA	OSHA	OSHA	CAL/OSHA	CAL/OSHA	CAL/OSHA
		8-hr TLV	15-min STEL	8-hr PEL	15 min STEL	PEL-Ceiling	8-hr PEL	Ceiling	15-min STEL
	2-Butoxyethanol	20 ppm	N/E	50 ppm	NE	N/E	20 PPM	N/E	N/E
	Isopropyl alcohol	200 ppm	400 ppm	400 ppm	N/E	N/E	400 PPM	N/E	500 PPM

**Engineering Controls:** Local exhaust ventilation is preferable. General ventilation is acceptable if under applicable exposure limits.

**Personal Protective Equipment (PPE):**

**Eye Protection:** Wear safety spectacles with unperforated side shields, or goggles.

**Skin Protection:** Wear impervious clothing and gloves to prevent contact.

**Hygiene Measures:** Wash hands before eating, drinking, smoking, or using toilet facilities. Promptly remove contaminated clothing and launder before reuse.

**Respiratory Protection:** If under applicable exposure limits, seek professional advice prior to respirator selection and use.  
For concentrations less than 10 times the exposure limits, wear a properly fitted NIOSH/MSHA-approved respirator with organic vapor cartridges.



# SAFETY DATA SHEET

Christy's® Ultra Seal T-10,000 Pipe Thread Sealant

Date Revised: **MAY 2020**  
Supersedes: **APR 2018**

## SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

<b>Appearance:</b>	White or Blue Paste	<b>Odor Threshold:</b>	No Data Available
<b>Odor:</b>	Mild odor	<b>Boiling Range:</b>	No Data Available
<b>pH</b>	No Data Available	<b>Evaporation Rate:</b>	0.6 (Butyl Acetate = 1)
<b>Melting/Freezing Point:</b>	No Data Available	<b>Flammability:</b>	No Data Available
<b>Boiling Point:</b>	180°F (82°C)	<b>Flammability Limits:</b>	<b>LEL:</b> 1.1%
<b>Flash Point:</b>	Above 200 °F; UN test N.1		<b>UEL:</b> 12.7%
<b>Specific Gravity</b>	1.41	<b>Vapor Pressure:</b>	0.88 mm Hg at 68° F
<b>Solubility:</b>	Slight	<b>Vapor Density:</b>	<1 (Air = 1)
<b>Partition Coefficient n-octanol/water:</b>	Not Available	<b>Other Data: Viscosity:</b>	
<b>Auto-ignition Temperature:</b>	921°F (494°C)	<b>Decomposition Temperature:</b>	No Data Available
<b>VOC Content :</b>	When applied as directed, per SCAQMD Rule 1168, Test Method 316A, VOC content is: ≤310 g/l.		

## SECTION 10 - STABILITY AND REACTIVITY

<b>Reactivity:</b>	Heating may cause a fire
<b>Stability:</b>	Stable under recommended storage conditions.
<b>Hazardous decomposition products:</b>	By fire, Carbon dioxide, acids, alkalis, peroxides
<b>Possibly hazardous reactions:</b>	Vapors may form an explosive mixture with air.
<b>Conditions to avoid:</b>	Heat, flames, sparks, temperature extremes, and direct sunlight
<b>Incompatible Materials:</b>	Strong oxides, chlorine, acids, alkalis, peroxides

## SECTION 11 - TOXICOLOGICAL INFORMATION

<b>Likely Routes of Exposure:</b>	Inhalation, Eye and Skin Contact
<b>Acute symptoms and effects:</b>	
<b>Inhalation:</b>	Severe overexposure may result in nausea, dizziness, headache. Can cause drowsiness, irritation of eyes and nasal passages.
<b>Eye Contact:</b>	Vapors slightly uncomfortable. Overexposure may result in severe eye injury with corneal or conjunctival inflammation on contact with the liquid.
<b>Skin Contact:</b>	May be absorbed through the skin during prolonged or repeated contact, causing irritation, dermatitis, weakness, headache and nausea.
<b>Ingestion:</b>	May cause nausea, vomiting, diarrhea and mental sluggishness.
<b>Chronic (long-term) effects:</b>	May cause damage to organs (lungs, liver, blood, and kidney) through prolonged or repeated exposure. Excessive exposure leads to depression of the central nervous system. Causes eye irritation, moderate skin irritation. Repeated exposure may cause skin dryness or cracking.
<b>Health Hazards Not Otherwise Classified:</b>	2-Butoxyethanol - Rapidly absorbed through skin.
<b>Skin Sensitization:</b>	No data Available
<b>Respiratory Sensitization:</b>	<b>2-Butoxyethanol:</b> Breathing in large amounts of may result in irritation of the nose, eyes, headache, a metallic taste in the mouth, and vomiting

<b>Reproductive Effects</b>	<b>Teratogenicity</b>	<b>Mutagenicity</b>	<b>Embryotoxicity</b>	<b>Sensitization to Product</b>	<b>Synergistic Products</b>
Not Established	Not Established	Not Established	Not Established	Not Established	Not Established
<b>Carcinogenicity:</b>	The IARC and ACGIH designate Ethylene glycol butyl ether (2-Butoxyethanol) and Isopropyl alcohol (2-Propanol) as category 3 – confirmed animal carcinogen with unknown relevance to humans. The ACGIH designates Ethylene glycol butyl ether (2-Butoxyethanol) as category A3– confirmed animal carcinogen with unknown relevance to humans.				

<b>Toxicity:</b>	<b>LD50 (Oral)</b>	<b>LD50 (Dermal)</b>	<b>LC50 (Inhalation)</b>
<b>2-Butoxyethanol</b>	1746 mg/kg (rat)	2000 mg/kg (rat)	7,000 PPM (rat)
<b>Isopropyl Alcohol</b>	5840 mg/kg (rat)	13900 mg/kg (rat) 12870 mg/kg (rabbit)	4 hrs. 72.6 mg/L (rat)

<b>Acute Toxicity</b>	Category 4	Acute (Inhalation) Toxicity: Vapors - Category 4	Acute (Oral) Toxicity: - Category 4	Acute (Dermal) Toxicity: - Category 4
-----------------------	------------	--------------------------------------------------	-------------------------------------	---------------------------------------

	<b>Category</b>	<b>Route of Exposure</b>	<b>Affected Organs</b>
<b>Specific Target Exposure Toxicity (Single Exposure):</b>	3	Inhalation	Central nervous system
	3	Inhalation	Central nervous system
<b>Specific Target Exposure Toxicity (Repeated Exposure):</b>	2	Inhalation	Kidneys, Liver
	2	Inhalation	Kidneys, Liver

**Aspiration Hazard:** No data available

## SECTION 12 - ECOLOGICAL INFORMATION

<b>Ecotoxicity:</b>	<b>LC50</b>	<b>LC50</b>	<b>EC50</b>
<b>Acute Aquatic Toxicity</b>	Pimephales promelas (fathead minnow); 96-hour	Daphnia magna (water flea); 48-hour	Pseudokirchneriella subcapitata (microalgae) Growth rate inhibitor
<b>2-Butoxyethanol</b>	10000 mg/L	1550 mg/l	No Data Available
<b>Isopropyl Alcohol</b>	11130 mg/L	13299 mg/l	No Data Available

<b>Mobility:</b>	No data available
<b>Degradability:</b>	Expected to be readily biodegradable
<b>Bioaccumulation:</b>	No bioaccumulation is to be expected (log Pow <= 4).
<b>Persistence:</b>	The estimated half-life (2-Butoxyethanol) in groundwater ranges from 14 days to 8 weeks; and in soil 7 days to 4 weeks
<b>Results of PBT and vPvB assessment:</b>	PBT: Not applicable. vPvB: Not applicable
<b>Other adverse effects:</b>	No relevant information available.

## SECTION 13 - WASTE DISPOSAL CONSIDERATIONS

Dispose of waste and containers in compliance with applicable Federal, State, and Local Regulations. Consult disposal expert. Do not reuse empty containers.

## SECTION 14 - TRANSPORT INFORMATION

<b>DOT, IATA, ADR, IMO/IMDG SHIPPING INFORMATION</b>	This material is not regulated under DOT when transported via U.S. commerce routes: and IATA, and IMO via international routes.								
<b>Proper Shipping Name:</b> N/A	<table border="1"> <thead> <tr> <th colspan="2"><b>TDG INFORMATION</b></th> </tr> </thead> <tbody> <tr> <td><b>TDG CLASS:</b></td> <td>N/A</td> </tr> <tr> <td><b>SHIPPING NAME:</b></td> <td>N/A</td> </tr> <tr> <td><b>UN NUMBER:</b></td> <td>N/A</td> </tr> </tbody> </table>	<b>TDG INFORMATION</b>		<b>TDG CLASS:</b>	N/A	<b>SHIPPING NAME:</b>	N/A	<b>UN NUMBER:</b>	N/A
<b>TDG INFORMATION</b>									
<b>TDG CLASS:</b>		N/A							
<b>SHIPPING NAME:</b>		N/A							
<b>UN NUMBER:</b>	N/A								
<b>Hazard Class:</b> N/A									
<b>Secondary Risk:</b> None									
<b>Identification Number:</b> N/A	<b>Label Required:</b> N/A								
<b>Packing Group:</b> N/A	<b>Marine Pollutant:</b> NO								

## SECTION 15 - REGULATORY INFORMATION

<b>Precautionary Label Information:</b>	Irritant F, Xi	<b>Ingredient Listings:</b>	USA TSCA, Europe EINECS, Canada DSL, Australia AICS, Korea ECL/TCCL, Japan MITI (ENCS)
<b>Compliance Statement:</b>	This SDS was prepared to be in accordance with: US OSHA Hazard Communication Standard 29 CFR 1910.1200 (Rev 2012) Canadian Workplace Hazardous Materials Information System (WHMIS) 2015 European Regulation (EC) No (EU) 2015/830 on classification, labelling and packaging of substances and mixtures		

## SECTION 16 - OTHER INFORMATION

<b>Specification Information:</b>		
<b>Department issuing data sheet:</b>	Environmental Health & Safety	All ingredients are compliant with the requirements of the European Directive on RoHS (Restriction of Hazardous Substances).
<b>E-mail address:</b>	<EHSinfo@tchristy.com>	
<b>Training necessary:</b>	Yes, training in practices and procedures contained in product literature.	
<b>Reissue date / reason for reissue:</b>	5/14/2020/ Updated information	
<b>Intended Use of Product:</b>	Pipe Thread Sealant	

This product is intended for use by skilled individuals at their own risk. The information contained herein is based on data considered accurate based on current state of knowledge and experience. However, no warranty is expressed or implied regarding the accuracy of this data or the results to be obtained from the use thereof.