



# SAFETY DATA SHEET

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

Date Revised: Feb-21  
Supersedes: Apr-20

## 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: H R PRODUCTS  
207 BANNISTER ROAD  
CANNING VALE, WESTERN AUSTRALIA 6155  
Tel. 1800998037  
Emergency - Call 13 11 26 (Poisons Australia)

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	Specific target organ toxicity (single exposure)	Category 3	Acute Toxicity:	None Known
Acute Toxicity:	Category 4			Chronic Toxicity:	None Known
Skin Irritation:	Category 2				
Carcinogenicity:	Category 4	Specific target organ toxicity (repeat exposure)	Category 2		
Eye Irritation:	Category 2A			Flammable Liquid	Category 4



Signal Word:

AU Poisons Schedule	AU Hazard Category	ADG CLASSIFICATION
S6 (Causes Eye Irritation)	4	Not Classified

GHS07

Exclamation mark

Warning

### HAZARD STATEMENTS

H227: Combustible liquid  
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.  
Notes to physician: Treat symptomatically based on judgement of doctor and individual reactions of the patient.  
Other information: For advice, contact a Poisons Information Centre (Phone eg Australia 13 1126; New Zealand 0800 764 766) or a doctor at once.

## SECTION 5 - FIREFIGHTING MEASURES

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

Safety Glasses and Gloves

## SECTION 6 - ACCIDENTAL RELEASE MEASURES

Personal precautions: Immediately contact emergency personnel. Evacuate any potentially affected area.  
Emergency procedures: 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	AU NOEL	AU NOEL	US ACGIH	US ACGIH	US OSHA	CAL/OSHA	CAL/OSHA
		8-hr TWA	15-min STEL	8-hr TLV	15-min STEL	8-hr PEL	8-hr PEL	15-min STEL
	2-Butoxyethanol	20 ppm	50 ppm	20 ppm	N/E	50 ppm	20 PPM	N/E
	Isopropyl alcohol	400 ppm	500 ppm	200 ppm	400 ppm	400 ppm	400 PPM	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.

Protective measures: Ensure that eyewash stations and safety showers are close to the workstation location.



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## 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>	LEL: 1.1% UEL: 12.7%
<b>Flash Point:</b>	Above 200 °F; UN test N.1	<b>Vapor Pressure:</b>	0.88 mm Hg at 68° F
<b>Specific Gravity</b>	1.41	<b>Vapor Density:</b>	<1 (Air = 1)
<b>Solubility:</b>	Slight	<b>Other Data: Viscosity:</b>	
<b>Partition Coefficient n-octanol/water:</b>	Not Available	<b>Decomposition Temperature:</b>	No Data Available
<b>Auto-ignition Temperature:</b>	921°F (494°C)		
<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, alkalies, 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, alkalies, 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>	2-Butoxyethanol: Breathing in large amounts of may result in irritation of the nose, eyes, headache, a metallic taste in the mouth, and vomiting

Reproductive Effects	Teratogenicity	Mutagenicity	Embryotoxicity	Sensitization to Product	Synergistic Products
Not Established	Not Established	Not Established	Not Established	Not Established	Not Established

**Carcinogenicity:** 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.

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

Acute Toxicity	Category 4	Acute (Oral) Toxicity: Category 4	Acute (Dermal) Toxicity: Category 4	Acute (Inhalation) Toxicity: Category 4
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Specific Target Exposure Toxicity (Single Exposure):	2-Butoxyethanol	Route of Exposure	Affected Organs
	Isopropyl Alcohol	Inhalation	Central nervous system
		Inhalation	Central nervous system
Specific Target Exposure Toxicity (Repeated Exposure):	2-Butoxyethanol	Route of Exposure	Affected Organs
	Isopropyl Alcohol	Inhalation	Kidneys, Liver
		Inhalation	Kidneys, Liver

**Aspiration Hazard:** No data available

## SECTION 12 - ECOLOGICAL INFORMATION

Ecotoxicity:	LC50	LC50	EC50
<b>Acute Aquatic Toxicity</b>	Pimephales promelas (fathead minnow); 96-hour	Daphnia magna (water flea); 48-hour	Pseudokirchneriella subcapitata (microalgae) Growth rate inhibitor
2-Butoxyethanol	10000 mg/L	1650 mg/l	No Data Available
Isopropyl Alcohol	11130 mg/L	13299 mg/l	No Data Available

**Mobility:** Bioconcentration potential is low. Potential for mobility in soil is high.  
**Degradability:** Expected to be readily biodegradable  
**Bioaccumulation:** No bioaccumulation is to be expected (log Pow <= 4).  
**Persistence:** The estimated half-life (2-Butoxyethanol) in groundwater ranges from 14 days to 8 weeks; and in soil 7 days to 4 weeks  
**Results of PBT and vPvB assessment:** PBT: Not applicable. vPvB: Not applicable  
**Other adverse effects:** Accumulation in aquatic organisms is unlikely.

## 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>		Not classified as a Dangerous Good according to the Australian Code for the Transport of Dangerous Goods by Road and Rail.	
<b>Proper Shipping Name:</b>	N/A	<b>ADG INFORMATION</b>	
<b>Hazard Class:</b>	N/A		
<b>Secondary Risk</b>	None	<b>TDG CLASS:</b>	N/A
<b>Identification Number:</b>	N/A	<b>SHIPPING NAME:</b>	N/A
<b>Packing Group:</b>	N/A	<b>UN NUMBER:</b>	N/A
<b>HAZCHEM Code:</b>	2Y	<b>Label Required:</b>	N/A
		<b>Marine Pollutant:</b>	NO

## SECTION 15 - REGULATORY INFORMATION

<b>Precautionary Label Information:</b>	Irritant	<b>Ingredient Listings:</b>	USA TSCA, Europe EINECS, Canada DSL, Australia AICS, Korea ECL/TCCL, Japan MITI (ENCS)
<b>Symbols:</b>	F, Xi		
<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 Safe Work Australia: Section 274 of the Work Health and Safety (WHS) Act and the Work Health and Safety Regulations		

## SECTION 16 - OTHER INFORMATION

<b>Specification information:</b>		All Ingredients are compliant with the requirements of the European Directive on RoHS (Restriction of Hazardous Substances).
<b>Department issuing data sheet:</b>	Environmental Health & Safety	
<b>E-mail address:</b>	<EHSinfo@christy.com>	
<b>Training necessary:</b>	Yes, training in practices and procedures contained in product literature.	
<b>Reissue date / reason for reissue:</b>	2/25/2021 - Updated information Australian specific	
<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.