

MATERIAL SAFETY DATA SHEET

Date Revised: **July 2005**

Information on this form is furnished solely for the purpose of compliance with the Occupational Safety and Health Act and shall not be used for any other purpose. T. Christy Enterprises, Inc. urges the customers receiving this Material Safety Data Sheet to study it carefully to become aware of the hazards, if any of the product involved. In the interest of safety, you should notify your employees, agents and contractors of the information on this sheet.

SECTION I

MANUFACTURER'S NAME:

T. Christy Enterprises, Inc.

ADDRESS:

655 East Ball Road, Anaheim, CA 92805-5910
(714) 507-3300 FAX: (714)507-3310

Transportation Emergencies:

INFOTRAC: (800) 535-5053

Medical Emergencies: (800) 451-8346

CHEMICAL NAME and FAMILY
Pipe Thread Sealant

TRADE NAME: *Christy's* Ultra Seal™

FORMULA: Proprietary

SECTION II - HAZARDOUS INGREDIENTS

None of the ingredients below are listed as carcinogens by IARC, NTP or OSHA

	CAS#	APPROX %	ACGIH-TLV	ACGIH-STEL	OSHA-PEL	OSHA-STEL
Isopropyl Alcohol	67630	10 - 15	400		400	
Ethylene Glycol	111-76-2	13 - 18	25		50	
Ether						

**Title III Section 313 Supplier Notification; This product contains toxic chemicals subject to the reporting requirements of Section 313 of the Emergency Planning and Community Right-to-Know Act of 1986 and of 40CFR372. This information must be included in all MSDS'S that are copied and distributed for this material.

SHIPPING INFORMATION FOR GALLON CONTAINERS OR ABOVE

DOT Shipping Name: Pipe Thread Sealant
 DOT Hazard Class: N/A
 Identification Number: N/A
 Packaging Group: N/A
 Label Required : N/A

SPECIAL HAZARD DESIGNATIONS

	HMIS	NFPA	HAZARD RATING
HEALTH:	0	0	0-MINIMAL
FLAMMABILITY:	2	1	1-SLIGHT
REACTIVITY:	0	0	2-MODERATE
PROTECTIVE:	A		3-SERIOUS
EQUIPMENT:			4-SEVERE

SHIPPING INFORMATION FOR CONTAINERS LESS THAN ONE GALLON

DOT Shipping Name: Pipe Thread Sealant
 DOT Hazard Class: N/A

SECTION III - PHYSICAL DATA

APPEARANCE White Paste	ODOR Mild	BOILING POINT (°F) 180° F
SPECIFIC GRAVITY H₂O = 1 1.41	VAPOR PRESSURE (mm Hg.) @ 25° C = .88	PERCENT VOLATILE BY VOLUME(%) N/A
VAPOR DENSITY (Air =1) >1.0	EVAPORATION RATE (BUAC = 1) .6	SOLUBILITY IN WATER Slight

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT 82 F T.C.C. (28 C) ASTM METHOD D93-80	FLAMMABLE LIMITS: 921 °F (494°C)/ Ignition Temperature	LEL 1.1%	UEL 10.6%
FIRE EXTINGUISHING MEDIA Carbon dioxide or dry chemical or water			
SPECIAL FIRE FIGHTING PROCEDURES NONE			
UNUSUAL FIRE AND EXPLOSION HAZARDS Contact with strong oxidizers may cause fires or explosions. Carbon monoxide may be released.			

SECTION V - HEALTH HAZARD DATA

PRIMARY ROUTES OF ENTRY:

Inhalation Skin Contact Eye Contact Ingestion

EFFECT OF OVEREXPOSURE

ACUTE: Inhalation: Possible dizziness if used in confined area.

Skin Contact: Skin irritant. May cause mild irritation to sensitive skin.

Skin Absorption: Prolonged or widespread exposure may result in the absorption of harmful amounts of material.

Eye Contact: Overexposure may result in severe eye injury with corneal or conjunctival inflammation on contact with the liquid. Vapors slightly uncomfortable

Ingestion: Call physician

MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE: Individuals with pre-existing diseases of the eyes, skin or respiratory system may have increased susceptibility to the toxicity of excessive exposures.

EMERGENCY AND FIRST AID PROCEDURES

Inhalation: Remove to well ventilated area. Call doctor.

Eye Contact: Flush eyes with plenty of water for 15 minutes and call a doctor.

Skin Contact: Remove contaminated clothing and shoes. Wash skin with plenty of soap and water for at least 15 minutes. If irritation develops, get medical attention.

Ingestion: Do not induce vomiting. Call physician or poison control center immediately.

SECTION VI - REACTIVITY

STABILITY

UNSTABLE

STABLE

X

CONDITIONS TO AVOID

Keep away from heat, sparks, open flame and other sources of ignition.

INCOMPATIBILITY

(Materials To Avoid) Liquid oxygen systems, liquid sodium, gaseous fluorine and strong oxidizers.

HAZARDOUS DECOMPOSITION PRODUCTS

HAZARDOUS

MAY OCCUR

POLYMERIZATION

WILL NOT OCCUR

X

CONDITIONS TO AVOID

Keep away from heat, sparks, open flame and other sources of ignition.

SECTION VII - SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED

Normal good housekeeping procedures.

WASTE DISPOSAL METHOD

Follow Local, State and Federal regulations. Consult disposal expert if necessary.

SECTION VIII - SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION (Specify type)

Avoid breathing of fumes. If used in a confined area a respirator may be necessary. Normal ventilation is adequate.

VENTILATION

Use only with adequate ventilation. Provide sufficient ventilation in volume and pattern to keep contaminants below applicable exposure limits set forth in Section II. Use only explosion proof ventilation equipment.

PROTECTIVE GLOVES

PVA coated - May be necessary for sensitive skin

EYE PROTECTION

Keep out of eyes. Wear protective goggles where necessary.

OTHER PROTECTIVE EQUIPMENT AND HYGIENIC PRACTICES

Impervious apron and a source of running water to flush or wash the eyes and skin in case of contact.

SECTION IX - SPECIAL PRECAUTIONS

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING

Store away from heat or open flame. Close container after use.

OTHER PRECAUTIONS

Follow all precautionary information given on container label, product bulletins and our solvent cementing literature. Wear protective gloves to prevent possible skin absorption and dermatitis. Keep out of reach of children.

The information contained herein is based on data considered accurate. However, no warranty is expressed or implied regarding the accuracy of this data or the results to be obtained from the use thereof. It is the responsibility of the user to investigate and understand the ramifications of using this product, and to comply with all use and disposal laws and procedures.