

# 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 Joint Lubricant

Mixture of Water, Potassium Soap and Polyglycols

**TRADE NAME:** *Christy's* Pro Lube™

Pipe Joint Lubricant

**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
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Potassium Soap of Distilled Natural Fatty Acids	143-18-0	60-70				
Water	7732-18-5	20-30	333mg/kg		TD1a	
Polyglycols	25322-68-3	1-5	50g/kg		LD50	

**SHIPPING INFORMATION FOR GALLON CONTAINERS OR ABOVE**

DOT Shipping Name: Pipe Joint Compound  
 DOT Hazard Class: Non-Hazardous  
 Identification Number: N/A  
 Packaging Group:  
 Label Required :

**SPECIAL HAZARD DESIGNATIONS**

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

**SHIPPING INFORMATION FOR CONTAINERS LESS THAN ONE GALLON**

DOT Shipping Name: Pipe Joint Compound  
 DOT Hazard Class: Non-Hazardous

## SECTION III - PHYSICAL DATA

<b>APPEARANCE</b> Soft Brown Gel	<b>ODOR</b> Soapy	<b>BOILING POINT (°C)</b> Initial 100°C
<b>SPECIFIC GRAVITY</b> Typical 0.9 -1.0	<b>V.O.C.</b> 39 g/l	<b>PERCENT VOLATILE BY VOLUME(%)</b> Approx: 25%
<b>VAPOR DENSITY (Air =1)</b> N/A	<b>EVAPORATION RATE (BUAC = 1)</b> N/A	<b>SOLUBILITY IN WATER</b> Dispersible - PH 10% Dispersion: 9.4-9.9

## SECTION IV - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT >200 C°	FLAMMABLE LIMITS (PERCENT BY VOLUME)	LEL N/A	UEL N/A
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**FIRE EXTINGUISHING MEDIA**  
 Foam, Alcohol Foam, Co2, Dry Chemical, Water Fog.

**SPECIAL FIRE FIGHTING PROCEDURES**

Evacuate enclosed areas, stay upwind. Close or confined quarters require self-contained breathing apparatus, positive pressure hose masks or airline masks. Use water spray to cool containers, to flush spills from source of ignition and to disperse vapors.

**UNUSUAL FIRE AND EXPLOSION HAZARDS:** None

**SENSITIVITY TO:** IMPACT - No STATIC DISCHARGE: No

## SECTION V - HEALTH HAZARD DATA

### PRIMARY ROUTES OF ENTRY:

Inhalation  Skin Contact  Eye Contact  Ingestion

### EFFECT OF OVEREXPOSURE

**ACUTE:** Inhalation: Severe overexposure may result in nausea, dizziness, headache. Can cause irritation of eyes and nasal passages.

Skin Contact: Skin irritant. Dermatitis may occur with prolonged contact. Slight defatting on long contact.

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

Eye Contact: Irritant

Ingestion: Moderately toxic. May cause nausea, vomiting, diarrhea.

**In all instances contact physician if any irritation or discomfort persists.**

MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE: Dermatitis

### EMERGENCY AND FIRST AID PROCEDURES

**Inhalation:** Remove from contaminated 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:** Give 1 or 2 glasses of water or milk. This material produces a strong emetic action. Call physician or poison control center immediately.

## SECTION VI - REACTIVITY

STABILITY	UNSTABLE		CONDITIONS TO AVOID Keep away from heat, sparks, open flame and other sources of ignition.
	STABLE	X	

### INCOMPATIBILITY

(MATERIALS TO AVOID) None

### HAZARDOUS DECOMPOSITION PRODUCTS

None

HAZARDOUS POLYMERIZATION	MAY OCCUR	
	WILL NOT OCCUR	X

## SECTION VII - SPILL OR LEAK PROCEDURES

### STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED

Eliminate all ignition sources. Avoid breathing of vapors. Keep liquid out of eyes. Contain liquid with sand or earth. Place leaking container in well-ventilated area. Scoop up bulk, and absorb remainder in absorbent clay, wash slippery residue. Launder contaminated clothing.

### WASTE DISPOSAL METHOD

Follow local, State and Federal regulations. Consult disposal expert. Excessive quantities should not be permitted to enter drains. Empty containers should be air dried before disposing. Hazardous Waste Code: 214

## SECTION VIII - SPECIAL PROTECTION INFORMATION

### RESPIRATORY PROTECTION (Specify type)

Use in well ventilated area.

### VENTILATION

General ventilation or local exhaust is recommended to maintain vapor-concentrations below recommended exposure limits.

### PROTECTIVE GLOVES

PVA coated

### EYE PROTECTION

Splashproof chemical goggles

### OTHER PROTECTIVE EQUIPMENT AND HYGENIC 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 in a cool, well-ventilated area. Keep away from heat, sparks, and flame. Keep container tightly closed. Keep away from foodstuff, do not eat, drink or smoke while using. Avoid vapors. Use adequate ventilation. Train employees on all special handling procedures before they work with this product.

### OTHER PRECAUTIONS

Follow all precautionary information given on container label, product bulletins and our solvent cementing literature. All handling equipment should be electrically grounded.

**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.**