

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		TDIa	
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 :

SHIPPING INFORMATION FOR CONTAINERS LESS THAN ONE GALLON

DOT Shipping Name: Pipe Joint Compound

DOT Hazard Class: Non-Hazardous

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

SECTION III - PHYSICAL DATA

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

 x Inhalation x 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.