

# 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**

Polytetrafluoroethylene (PTFE)

**TRADE NAME: Teflon Tape**

**FORMULA: Proprietary**

## SECTION II - HAZARDOUS INGREDIENTS

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

CAS#

APPROX %

Polytetrafluoroethylene (PTFE)

9002-84-0

100%

\*\*\*\*PTFE Tape, as such is not a hazardous material. It is a processed solid polymer.  
Temperature range -450°F to +500°F

**NOTES:**

Meets Mil Spec T-27730A

Dimension: 3.5 Mils Thickness  
.37 Density

## SECTION III - PHYSICAL DATA

**APPEARANCE**

White

**DECOMPOSITION TEMPERATURE****BOILING POINT (°F)**

N/A

**SPECIFIC GRAVITY H<sub>2</sub>O=1**

2.1 - 2.2

**VAPOR PRESSURE (mm Hg.)**

N/A

**MELTING POINT**

>341°C (642°F)

**VAPOR DENSITY (Air =1)**

N/A

**REACTIVITY IN WATER**

None

**SOLUBILITY IN WATER**

Insoluble

## SECTION IV - FIRE AND EXPLOSION HAZARD DATA

**FLASH POINT(ASTM D-192)**

N/A

FLAMMABLE LIMITS: (Percent by Volume) N/A

LEL

UEL

**FIRE EXTINGUISHING MEDIA**

N/A Use media suitable for surrounding fire

**SPECIAL FIRE FIGHTING PROCEDURES**

Self contained breathing apparatus with full facepiece and protective clothing if involved with other materials.

**UNUSUAL FIRE AND EXPLOSION HAZARDS**

Product will emit toxic fumes at high temperatures - Above 800°F(Tetrafluoroethylene), above 825°F (Hexafluoropropylene), above 930°F(Carbonyl Fluoride), above 885°F (Perfluoroisbutylene).

## SECTION V - HEALTH HAZARD DATA

### PRIMARY ROUTES OF ENTRY:

  X   Inhalation      Skin Contact      Eye Contact      Ingestion

### EFFECT OF OVEREXPOSURE

ACUTE: Flu Like Transient Sickness                      CHRONIC: Could Be Fatal

Skin Contact:

Skin Absorption: Probably non-irritating and non absorbing

Eye Contact: Mechanical Irritation

Ingestion: PTFE has been shown to be inert when ingested by rats

Inhalation: No toxic effect from dusts

MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE: Respiratory Inflammation

### EMERGENCY AND FIRST AID PROCEDURES

Move to fresh air. Refer to physician.

## SECTION VI - REACTIVITY

STABILITY	UNSTABLE		CONDITIONS TO AVOID Heating above 750°F for prolonged periods
	STABLE	X	

INCOMPATIBILITY (Materials To Avoid) :

HAZARDOUS DECOMPOSITION PRODUCTS:

HAZARDOUS POLYMERIZATION	MAY OCCUR		CONDITIONS TO AVOID
	WILL NOT OCCUR	X	

## SECTION VII - SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED

Sweep up to prevent slippage on tape.

WASTE DISPOSAL METHOD

Use approved disposal methods as recommended by state and local agencies.

## SECTION VIII - SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION (Specify type)

VENTILATION

PROTECTIVE GLOVES  
N/A

EYE PROTECTION  
N/A

OTHER PROTECTIVE EQUIPMENT AND HYGIENIC PRACTICES  
N/A

## SECTION IX - SPECIAL PRECAUTIONS

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING

OTHER PRECAUTIONS

No Smoking While Handling Material

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.