



## Tuffy String

### Material Safety Data Sheet

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. Black Swan Manufacturing Co. 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 the sheet.

SECTION I - GENERAL INFORMATION				
Black Swan Manufacturing Co. 4540 W. Thomas Street Chicago, IL 60651-3318 Telephone No: 1-773-227-3700 Fax No: 1-773-227-3705		For chemical emergencies during transportation only call  <b>INFOTRAC</b> <b>1-800-535-5053</b> 24 hours per day - 7 days a week		
<b>Date Prepared</b> 01/01/08		<b>Trade Name</b> TUFFY STRING		
SECTION II - HAZARDOUS INGREDIENTS / IDENTITY INFORMATION				
HAZARDOUS COMPONENTS	CAS#	APPROX%	ACGIH-TLV	OSHA-PEL
NONE OF THE INGREDIENTS IN THIS PRODUCT ARE CLASSIFIED AS HAZARDOUS ACCORDING WITH OSHA 1910.1200.				
*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 1966 and of 40CFR372. This information must be included in all MSDS's that are copied and distributed for this material.				
SHIPPING INFORMATION		SPECIAL HAZARD DESIGNATIONS		
NOT HAZARDOUS FOR SHIPPING PURPOSES.		<b>HEALTH</b> <b>FLAMMABILITY</b> <b>REACTIVITY</b> <b>PROTECTIVE EQUIPMENT</b>	<b>HMIS</b> 0 0 0	<b>HAZARD RATING</b> 0 - MINIMAL 1- SLIGHT 2- MODERATE 3- SERIOUS 4- SEVERE

<b>SECTION III - PHYSICAL DATA</b>			
<b>APPEARANCE</b> WHITE WAXY ROPE	<b>ODOR</b> ODORLESS	<b>BOILING POINT</b> N/A	
<b>SPECIFIC GRAVITY (H2O=1)</b> 2.1 - 2.3	<b>VAPOR PRESSURE (mm Hg.)</b> N/A	<b>VOLATILE BY VOLUME (%)</b> N/A	
<b>VAPOR DENSITY (AIR=1)</b> N/A	<b>EVAPORATION RATE (BUAC=1)</b> N/A	<b>SOLUBILITY IN WATER</b> INSOLUBLE	
<b>SECTION IV - FIRE AND EXPLOSION HAZARD DATA</b>			
<b>FLASH POINT ( METHOD USED)</b>	<b>FLAMMABLE LIMITS</b>	<b>LEL</b>	<b>UEL</b>
N/A	(PERCENT BY VOLUME)	N/A	N/A
<b>FIRE EXTINGUISHING MEDIA</b> USE EXTINGUISHING MEDIA APPROPRIATE TO THE IGNITION SOURCE OF THE FIRE.			
<b>SPECIAL FIRE FIGHTING PROCEDURES</b> DECOMPOSITION PRODUCTS WILL BURN ABOVE 690° C (1274° F), BUT COMBUSTION IS NOT SELF-SUSTAINING IN THE ABSENCE OF EXTERNAL FUEL. EMPLOY PROTECTION AGAINST HF AND OTHER COMBUSTION FUMES.			
<b>UNUSUAL FIRE AND EXPLOSION HAZARD</b> PTFE WILL BURN IN AN ATMOSPHERE OF >95% O2 BY ASTM D-2863.			
<b>SECTION V - HEALTH HAZARD DATA</b>			
PRIMARY ROUTES OR ENTRY _____ Inhalation _____ Skin contact _____ Eye contact _____ Ingestion			
<b>EFFECT OF OVEREXPOSURE</b> NONE			

**MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE**

NONE

**EMERGENCY AND FIRST AID PROCEDURES**

N/A FOR SOLID MATERIAL.

PROCESSING AT HIGH TEMPERATURE MAY GENERATE FUMES WHICH CAN CAUSE FLU-LIKE SYMPTOMS. REMOVE TO FRESH AIR, CONSULT PHYSICIAN IF SEVERE.

## SECTION VI - REACTIVITY

STABILITY	UNSTABLE		CONDITIONS TO AVOID
	STABLE	X	TEMPERATURES ABOVE 280°C WITHOUT ADEQUATE VENTILATION.

**INCOMPATIBILITY (MATERIALS TO AVOID)**

MOLTEN ALKALI METALS - INTERHALOGEN COMPOUNDS.

**HAZARDOUS DECOMPOSITION PRODUCTS**

POLYMER FUMES WHICH MAY CAUSE FLU-LIKE SYMPTOMS.

HAZARDOUS POLYMERIZATION	MAY OCCUR		CONDITIONS TO AVOID
	WILL NOT OCCUR	X	NONE

## SECTION VII - SPILL OR LEAK PROCEDURES

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

N/A

**WASTE DISPOSAL METHOD**

1) LANDFILL.

2) COMPLETE COMBUSTION & REMOVAL OF GASEOUS PRODUCTS BY ALKALINE SCRUBBING.

## SECTION VIII - SPECIAL PROTECTION INFORMATION

**RESPIRATORY PROTECTION (Specify type)**

USE BUREAU OF MINES APPROVED RESPIRATOR IN THE PRESENCE OF DECOMPOSITION FUMES.

**VENTILATION**

EMPLOY LOCAL EXHAUST WHEN WORKING ABOVE 280Â° C. AVOID CONTAMINATION OF TOBACCO PRODUCTS AND SMOKING UTENSILS.

**PROTECTIVE GLOVES**

WEAR GLOVES WHEN HANDLING.

**EYE PROTECTION**

WEAR SAFETY GOGGLES WHEN HANDLING.

**OTHER PROTECTIVE EQUIPMENT AND HYGIENIC PRACTICES**

NONE

**SECTION IX - SPECIAL PRECAUTIONS****PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING**

PTFE IS NON-HAZARDOUS WHEN HANDLED BY CONVENTIONAL MEANS.

PTFE IS NON-HAZARDOUS WHEN STORED BY CONVENTIONAL MEANS.

**OTHER PRECAUTIONS**

This 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.

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