

Coast Tape, Inc.
270 Big Oak Road
St. Augustine, Florida 32095
800-877-0690 Fax: 800-741-4329
www.coasttape.com

** Meets MIL Spec T-27730A

** Available in 1/2", 3/4", 1" widths **

Physical Properties

1. Blue spool covered by white shell.
2. 100% Virgin P.T.F.E. (white in color)

Dimensions

- 3.5 MIL thickness
.37 Density

Temperatures

1. Use at temperatures not to exceed 500°F

Section 1:

Identity: Tombo #9082	(P.T.F.E. Thread seal Tape)
Description: Naflon Seal Tape is a Polytetrafluoroethylene unsintered tape.	

Section 2: Hazardous Ingredients/Identity Information

Ingredient	%	Hazard data TLV-TWA
Polytetrafluoroethyiene	90- 100	Thermal decomposition of the fluorocarbon chain in air leads to the formation of oxidized products containing fluorine and oxygen. Because these products decompose in part by hydrolysis in alkaline solution, they can be quantitatively provided an index of exposure. No TLV's are recommended at this time, but air concentration should be controlled as low as possible.

Hazard Data Source: ACGIH Threshold Limit Values for 1999

Section 3: Physical/Chemical Characteristics

Boiling point: N/A	Odor: No odor	Melting Point (*C): 322-332
Appearance: Tape, White	Solubility in water: Insoluble	
Density (g/cm ³): Four types available (0.4,0.7,0.8,1.2)		
Service Temperature (*C): Max 260		

Section 4: Fire and Explosion Hazard data

Flash Point(Method Used)	Non-Flammable (Complies with U.L. 94V-0)
Explosion Point (Method Used)	None
Extinguishing Media	Use that which is appropriate for the surrounding fire.
Special Fire and Fighting Procedures	Persons exposed to thermal decomposition products of this material should wear self-contained breathing apparatus, full protective equipment, and also gloves made of chloroprene rubber.
Unusual Fire and explosion Hazard	Fluorocarbon polymer is non-flammable in air and will not propagate flame. However under high temperature they can yield toxic particles, fumes, and gases. In case of fire, escape to the windward.

Section 5: Reactivity Data

Stability	Stable under normal conditions, but it may react with molten alkali such as metal sodium, and fluorine at high temperature and pressure.
Hazardous Decomposition or By-Products	Above 250*C this product thermally degrades at a rate dependent on the temperature releasing toxic materials.

Section 6: Health Hazard Data:

Hazard Information:

Unheated fluorocarbon polymer product is inert and there are no known instances of health hazards when handling the unheated product. When heated at high temperatures, it will thermally degrade, decompose, and produce toxic fumes. Inhalation of such fumes will cause "Polymer Fume Fever", which has symptoms very similar to influenza and can include

headache, cough, fever, chills, chest discomfort. The symptoms do not occur until several hours after exposure and may pass within 36 to 48 hours, even in absence of treatment.

Carcinogenicity (Polytetrafluoroethylene)	
IARC Monographs	3- not classifiable as its carcinogenicity to humans

Section 7: Precaution for Safe Handling and Use

Steps to be taken when handling this product:
Keep away from heat and sources of ignition
Precautions on waste disposal:
Do not incinerate. Obey local rules, laws and regulations.

Section 8: Control Measures:

For normal use, protective gears such as masks, respirators, etc. are not specially needed. When used above 260°C, toxic fumes will be produced from thermal degradation and / or decomposition of fluorocarbon polymers and therefore proper ventilation shall be installed and used.

Section 9: Special Precautions

Do not use for body transplantation and a contact with living body tissues and body fluids.

*The information provided on this MSDS is based on ACGIH Threshold Limit Values 1999 as of the date of issuance of the sheets. The purchaser shall follow this up-to-date rules and also your local rules, laws, regulations, etc. Obey up-to-date local rules, laws, regulations, etc.