

OSHA-Required Health And Safety Information!

This Material Safety Data Sheet (MSDS) was requested moments ago from Hercules Automated Fax Information System. Please forward it immediately to the person in charge of MSDS's, or retain it at the machine until claimed.

Section 1

MATERIAL SAFETY DATA SHEET # 7
Tape Dope®



MATERIAL SAFETY INFORMATION SERVICE

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Date Prepared: 3/3/1994 Last Reviewed: 7/28/2011

Meets OSHA 29 CFR 1910.1200

Section 2 - Hazardous Ingredients/Identity Information

Hazardous Components (Specific Chemical Identity; Common Name(s), CAS Numbers)	OSHA PEL	ACGIH TLV	Other Limits	Upper Bound Limit if SARA Reportable
PTFE Tape as an article is not a hazardous material. It is a processed solid polymer.				
Polytetrafluoroethylene CAS 9002-84-0	N/A	N/A		>97
Titanium Dioxide CAS 13463-67-7	15 mg/m ³	10 mg/m ³		>3

HMIS Hazard Rating: Health: 0 Flammability: 0 Reactivity: 0 Personal Protection: A

Section 3 - Physical/Chemical Characteristics

Boiling Point (°F):	Specific Gravity (H2O = 1):	Vapor Density (Air = 1):	Vapor Pressure (mm Hg):
N/A	1.5 to 1.9	N/A	N/A
Melting Point (° F):	Evaporation Rate: (Butyl Acetate = 1)	Solubility in Water:	VOC Level (g/l):
642° (347°C)		Not Soluble	0
Appearance And Color:	White tape	Odor:	None

Section 4 - Fire And Explosion Hazard Data

Flash Point:	Flammable Limits:	LEL:	UEL:
N/A (Non-Burning)		N/A	N/A

Extinguishing Media: Use media suitable for surrounding fire.

Special Firefighting Procedures:

Use self contained breathing apparatus and protective clothing. Use methods suitable for surrounding fire if involved with other chemicals.

Unusual Fire And Explosion Hazards:

Product will emit toxic fumes at high temperatures. Above 800°F Tetrafluoroethylene; Above 825°F Hexafluoropropylene; Above 885°F Perfluoroisobutylene; Above 930°F Carbonyl Fluoride
 Toxic fumes of Hydrogen Fluoride may be released in a fire. Hydrogen Fluoride may react with water to form Hydrofluoric Acid.

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Section 5 - Reactivity Data

Stability: Stable **Conditions To Avoid:** Heating above 500°F for prolonged periods.

Incompatibility (Materials To Avoid): Molten alkali metals; Interhalogen compounds.

Hazardous Decomposition: See section 4 of MSDS

Hazardous Polymerization: Will not occur

Section 6 - Health Hazard Data

Routes of Entry: **Inhalation** N/A **Skin** N/A **Ingestion** N/A

Health Hazards:

Inhalation: N/A

Eyes: Mechanical irritation

Skin: Not likely to cause skin irritation and is not likely to be absorbed through the skin

Ingestion: PTFE has been shown to be inert when ingested by rats. The effects of pigmented PTFE are unknown.

Carcinogenicity: **NTP** NO **IARC** NO **OSHA Regulated** NO

Signs And Symptoms of Exposure:

Inhalation of fumes from overheated or burning PTFE may cause Flu like transient sickness with fever and chills. Symptoms typically recede within 48 hours. If symptoms occur, consult a physician.

Medical Conditions Generally Aggravated By Exposure:

Respiratory inflammation

Emergency And First Aid Procedures:

If exposed to fumes, move to fresh air. Get medical attention.

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Section 7 - Precautions For Safe Handling And Use:

Steps To Be Taken In Case Material Is Released Or Spilled:

Sweep up. Material can be slippery, especially when wet.

Waste Disposal Method:

Dispose of as harmless organic waste. Burning not recommended. Follow local, state and federal regulations.

Precautions To Be Taken In Handling And Storing:

No unusual precautions. Storage at or below 70°F suggested.

Other Precautions:

None

Section 8 - Control Measures:

Respiratory Protection:

N/A except as above

Ventilation: Local Exhaust N/A
Mechanical N/A

Special N/A

Gloves: None required

Other: N/A

Eye Protection: Goggles, if contact with eye is probable.

Other Protective Clothing: N/A

Work/Hygienic Practices: N/A



For Hercules Material Safety Data Sheets by fax anytime, day or night, just call 1-800-942-INFO (1-800-942-4636) from any Touch-Tone phone. Have your fax number ready. Checking the product label for the correct MSDS # will save time.