

## MATERIAL SAFETY DATA SHEET

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### SECTION I - PRODUCT IDENTIFICATION

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**Product name:** MASTERS YELLOW T-TAPE  
**Product use:** Thread Sealing Tape  
**Formula:** PTFE - (C2F4)N

**Supplier name and address:**  
G.F. THOMPSON CO. LTD.  
620 Steven Court  
Newmarket, Ontario  
L3Y 6Z2

**Manufacturer name and address:**  
Refer to supplier

**Emergency Tel. #:**  
Mon – Fri, 7:30 am to 5:00 pm EST  
905-898-2557  
800-499-3673 (toll free)  
**24 hr Emergency Tel:**  
905-252-4793

**WHMIS CLASS: N/A**

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### SECTION II - HAZARDOUS INGREDIENTS

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These products consist of Polytetrafluoroethylene . Don't contain any hazardous ingredients. We do not consider the products hazardous under normal conditions of use.

Hazardous Mixtures of Other Liquids, Solids or Gases

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The finished polymerized compound is inert under ordinary conditions.

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### SECTION III - PHYSICAL DATA

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<b>Physical State:</b>	Tape
<b>Odour and appearance:</b>	Soft, odourless, pliable film, yellow in colour.
<b>Vapour pressure (mm Hg):</b>	N/Ap
<b>Boiling Point:</b>	N/Ap
<b>Vapour density (Air = 1):</b>	N/Ap
<b>Solubility in water:</b>	Insoluble
<b>Melting Point:</b>	327° C (620.6°F)
<b>VOC: &lt;0.2%</b>	

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**SECTION IV - FIRE AND EXPLOSION DATA**

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**Means of extinction:** water, foam, carbon dioxide or dry chemical  
**Flash point (Method):** N/Ap  
**Upper flammable limit %:** N/Ap  
**Lower flammable limit %:** N/Ap  
**Special Fire Fighting Procedures:** PTFE dies not burn (rated 94 v-0 by UL) without an external source of fuel. In extreme fire situations, protection from hydrogen fluoride fumes should be employed.  
**Unusual Fire and Explosion Hazards:** Dry PTFE will burn in an atmosphere of 100% oxygen when ignition source is present.

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**SECTION V - REACTIVITY DATA**

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**Stability:** Stable  
**Incompatible materials:** Molten alkali metals, fluorine & certain fluorine bearing compounds, interhalogen compounds.  
**Conditions of reactivity:** Temperature above 250 deg C without adequate ventilation.  
**Hazardous decomposition products:** on burning hydrogen fluorine, carbonyl fluoride and perfluorocarbon olefins, there may be others unknown to us.  
**Hazardous Polymerization:** Will not occur.

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**SECTION VI - TOXICOLOGICAL PROPERTIES**

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\*\*\* Routes of exposure and acute/chronic effect \*\*\*

**Threshold Limit Value:** n/ap  
**Effects of Overexposure:** Overexposure to the thermal decomposition products of polytetrafluoroethylene can induce polymer fume fever with flu-like symptoms (chills, fever, cough and malaise). This is usually a temporary condition. Contact a physician if symptoms persist.

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**SECTION VII FIRST AID**

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**Inhalation:** N/Ap  
**Skin:** N/Ap  
**Eyes:** N/Ap  
**Ingestion:** N/Ap

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**SECTION VIII - PREVENTIVE MEASURES**

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**Waste disposal:** (1) Landfill. (2) Complete combustion and removal of gaseous products by alkaline scrubbing. Disposal methods must conform to Local, Provincial and State laws.

**\*\*\* PROTECTIVE EQUIPMENT \*\*\***

**Respiratory protection:** Adequate ventilation and/or a Bureau of Mines approved mask where material is heated to 250 deg C.

**Ventilation:** Local Exhaust: Where material is heated above 250 deg C. Avoid contaminating tobacco with waste particles.

**Protective gloves:** N/Ap

**Eye protection:** N/Ap

**Other protective equipment:** N/Ap

\*\*\* **STORAGE & HANDLING** \*\*\*

**Storage and handling conditions:** Considered non-hazardous when handled and stored via conventional methods.

**Other precautions:** When exposed to elevated temperatures (250 deg C) toxic fumes evolve. Care should be taken to avoid contaminating tobacco and other smoking materials.

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**Additional notes or references:**

Abbreviations :

N/Av : not available

N/Ap : not applicable

IARC : International Agency for Research on Cancer

ACGIH : American Conference of Governmental Industrial Hygienists

TLV : Threshold Limit Values

NIOSH: National Institute of Occupational Safety and Health

TDG : Transportation of Dangerous Goods Regulation.

BuAe : n-butyl acetate

References :

1. ACGIH, Threshold Limit Values and Biological Exposure Indices for 1988/89.
2. International Agency for Research on Cancer Monographs, Supplement 7, 1988.
3. Canadian Center for Occupational Health and Safety. RTECS database.
4. Material Safety Data Sheet from manufacturer.
5. N. Irving Sax. Dangerous Properties of Industrial Materials, Sixth Edition.

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**SECTION IX PREPARATION INFORMATION**

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**Prepared by :** G.F. THOMPSON CO. LTD.

**Preparation date:** December 1, 2012

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