

MATERIAL SAFETY DATA SHEET

SECTION I - PRODUCT IDENTIFICATION

Product name: MASTERS WHITE TAPE TWB480P

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. #:

WHMIS CLASS: N/A

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

SECTION II - HAZARDOUS INGREDIENTS

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

Hazardous Mixtures of Other Liquids, Solids or Gases

The finished polymerized compound is inert under ordinary conditions.

SECTION III - PHYSICAL DATA

Physical State:

Tape

Odour and appearance:

Soft, odourless, pliable film, white in colour.

Vapour pressure (mm Hg):

N/Ap

Boiling Point:

N/Ap

Vapour density (Air = 1):

N/Ap

Solubility in water:

Insoluble

Melting Point:

327 degrees C

VOC:

<0.2%

SECTION IV - FIRE AND EXPLOSION DATA

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.

SECTION V - REACTIVITY DATA

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.

SECTION VI - TOXICOLOGICAL PROPERTIES

*** 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.

SECTION VII FIRST AID

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

SECTION VIII - PREVENTIVE MEASURES

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

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.

SECTION IX PREPARATION INFORMATION

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

Preparation date: December 1, 2012
