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## 1. PRODUCT AND COMPANY IDENTIFICATION

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PRODUCT NUMBERS/SERIES: Merco M55 Thread Seal Tape (same for M66, M68, M77, M78, M78Ni)  
OTHER/GENERIC NAMES: Threadmaster, Teflon, Thread Seal Tape,  
PRODUCT USE:

MANUFACTURER: Merco Co  
201 Route 59  
Post Office Box 875  
Hillburn, NY 10931

FOR MORE INFORMATION: Product Safety Department: 845-357-3699 (8 AM to 5 PM, Eastern Time)

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## 2. COMPOSITION / INFORMATION ON INGREDIENTS

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INGREDIENT NAME	CAS #	WEIGHT %
polytetrafluoroethylene resin (PTFE)	9002-84-0	100

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## 3. HAZARDS IDENTIFICATION

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EMERGENCY OVERVIEW: Material is non toxic, insoluble, chemically inert, and non-biodegradable. Solid material will not support combustion, but if other fuel is present, decomposition products will react at about 1275 F producing potentially toxic gaseous products.

POTENTIAL HEALTH HAZARDS:

SKIN: none known  
EYES: not a likely route of entry  
INHALATION: not a likely route of entry  
INGESTION: not a likely route of entry  
DELAYED EFFECTS: none known

Ingredients found on one of the OSHA designated carcinogen lists are listed below.

INGREDIENT NAME	NTP STATUS	IARC STATUS	OSHA STANDARD
na	na	na	na

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## 4. FIRST AID MEASURES

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na for material as supplied, at room temperature

Processing at high temperature may generate fumes which can cause flu-like symptoms (polymer fume fever). Remove to fresh air, consult physician if severe.

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## 5. FIRE FIGHTING MEASURES

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FLASH POINT: na  
AUTO IGNITION TEMPERATURE: na  
FLAMMABLE LIMITS IN AIR (% BY VOL.): na, solid material  
EXTINGUISHING MEDIA: Use media appropriate to primary source of fire.  
UNUSUAL FIRE HAZARDS: Material is incombustible, but if other fuel is present, decomposition products will burn at about 1275 F, producing toxic and corrosive gaseous products.

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**6. ACCIDENTAL RELEASE MEASURES**

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na, solid material

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**7. HANDLING AND STORAGE**

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Store and handle using good warehouse practices. Avoid excessive temperatures and high humidity.

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**8. EXPOSURE CONTROLS / PERSONAL PROTECTION**

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ENGINEERING CONTROLS: na

PERSONAL PROTECTIVE EQUIPMENT:

RESPIRATORY PROTECTION: Use appropriate NIOSH-approved respirator in presence of decomposition fumes.

EYES AND FACE: Use of safety glasses is recommended.

HANDS, ARMS, AND BODY: na

OTHER CLOTHING AND EQUIPMENT: na

EXPOSURE GUIDELINES: (Guidelines exist for the following ingredients)

INGREDIENT NAME	ACGIH TLV	OSHA PEL	OTHER LIMIT
na	na	na	na

Other exposure limits for the decomposition products normally associated with product use are as follows: na

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**9. PHYSICAL AND CHEMICAL PROPERTIES**

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APPEARANCE: White, soft, compliant, easily-stretched, waxy feeling tape

PHYSICAL STATE: solid

MOLECULAR WEIGHT: na

CHEMICAL FORMULA: [C2F4]<sub>n</sub>

ODOR: odorless

SPECIFIC GRAVITY: 0.65 – 1.55

SOLUBILITY IN WATER: insoluble

pH: na

BOILING POINT: na

MELTING POINT: 342C

VAPOR PRESSURE: na

VAPOR DENSITY: na

EVAPORATION RATE: na

% VOLATILES: nd

FLASH POINT: na

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**10. STABILITY AND REACTIVITY**

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NORMALLY STABLE? stable

INCOMPATIBILITIES: strong oxidizers, acids, bases

HAZARDOUS DECOMPOSITION PRODUCTS: Thermal decomposition may produce toxic and corrosive gaseous products.

HAZARDOUS POLYMERIZATION? Hazardous polymerization will not occur.

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**11. TOXICOLOGICAL INFORMATION**

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IMMEDIATE (ACUTE) EFFECTS: No acute effects have been identified.

DELAYED (SUBCHRONIC & CHRONIC) EFFECTS: No delayed or chronic effects have been identified.

OTHER DATA: na

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**12. ECOLOGICAL INFORMATION**

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These materials are chemically unreactive, non-toxic, non-water soluble, and non-biodegradable. They are completely recyclable.

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**13. DISPOSAL CONSIDERATIONS**

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OTHER DISPOSAL CONSIDERATIONS: Recycle, or dispose in an approved landfill or by incineration, in compliance with federal, state, and local regulation.

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**14. TRANSPORT**

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US DOT HAZARD CLASS: na

US DOT ID NUMBER: nd

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**15. REGULATORY INFORMATION**

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TOXIC SUBSTANCES CONTROL ACT (TSCA):

TSCA INVENTORY STATUS: All components are listed on the TSCA Inventory

OTHER TSCA ISSUES: none

SARA TITLE III / CERCLA:

Reportable Quantities (RQ's) and/or Threshold Planning Quantities (TPQ's) exist for the following ingredients.

INGREDIENT NAME	SARA/CERCLA	SARA EHS
na	na	na

Spills/releases resulting in the loss of any ingredient at or above its RQ requires immediate notification to the National Response Center (1-800-424-8802) and to your Local Emergency Planning Committee.

SECTION 311 HAZARD CLASS: nd

SARA 313 TOXIC CHEMICALS

This product contains the following toxic chemicals subject to the reporting requirements of section 313 of the Emergency Planning and Community Right-To-Know Act of 1986 and of 40 CFR 372:

CAS #	CHEMICAL NAME	% BY WEIGHT
na		na

STATE RIGHT TO KNOW:

In addition to the ingredients found in section 2, the following are listed for state right-to-know purposes:

CAS #	CHEMICAL NAME	% BY WEIGHT
na	na	na

ADDITIONAL REGULATORY INFORMATION: na

WHMIS CLASSIFICATION (CANADA): nd

FOREIGN INVENTORY STATUS: nd

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**16. OTHER INFORMATION**

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CURRENT ISSUE/REVIEW DATE: 03/17/09

PREVIOUS ISSUE/REVIEW DATE:

CHANGES TO MSDS FROM PREVIOUS ISSUE DATE ARE DUE TO THE FOLLOWING:

OTHER INFORMATION: none