

PRODUCT SAFETY DATA SHEET

1. PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NUMBERS/SERIES: **M77 Thread Seal Tape (Nickel)**

OTHER/GENERIC NAMES:

PRODUCT USE:

MANUFACTURER: Merco Company
P.O.Box 875, 201 Route 59
Hillburn, NY 10931

FOR MORE INFORMATION: Product Safety Department: 845-357-3699 (9 AM to 4 PM, Eastern Time)

2. COMPOSITION / INFORMATION ON INGREDIENTS

INGREDIENT NAME	CAS #	WEIGHT %
polytetrafluoroethylene resin (PTFE)	9002-84-0	86 - 97
nickel flake		<15

3. HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW: Material is non toxic, insoluble, chemically inert, and non-biodegradable. Solid material will not support combustion, but if other fuel is present, composition products will burn 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 Group 2	IARC STATUS Group 2A	OSHA STANDARD 1910.1027
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4. FIRST AID MEASURES

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.

5. FIRE FIGHTING MEASURES

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 incombustable, 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

na, solid material

7. HANDLING AND STORAGE

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

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

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
cadmium compound as Cd, CAS# 7440-43-9	0.01 mg/m ³ as dust, total; 0.002 mg/m ³ as respirable dust; 8 hr. TWA's	nd	nd
barium sulphate	10 mg/m ³ as dust, 8 hr. TWA	nd	nd

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

9. PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE:	Red, orange, Pink, gray or yellow, soft, compliant, easily-stretched, waxy feeling tape
PHYSICAL STATE:	solid
MOLECULAR WEIGHT:	na
CHEMICAL FORMULA:	(C ₂ F ₄) _n (resin; pigment nd)
ODOR:	odorless
SPECIFIC GRAVITY:	1.2 – 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

10. STABILITY AND REACTIVITY

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.

11. TOXICOLOGICAL INFORMATION

IMMEDIATE (ACUTE) EFFECTS:	No acute effects have been identified.
DELAYED (SUBCHRONIC & CHRONIC) EFFECTS:	No delayed or cronic effects have been identified.
OTHER DATA:	na

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12. ECOLOGICAL INFORMATION

These materials are chemically unreactive, non-toxic, non-water soluble, and non-biodegradeable. They are completely recycleable

13. DISPOSAL CONSIDERATIONS

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

14. TRANSPORT

US DOT HAZARD CLASS: na

US DOT ID NUMBER: nd

15. REGULATORY INFORMATION

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
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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

16. OTHER INFORMATION

CURRENT ISSUE/REVIEW DATE: 5/12/14

PREVIOUS ISSUE/REVIEW DATE: 7/6/04

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

OTHER INFORMATION: none