

**MATERIAL SAFETY DATA SHEET  
(MSDS)**

**Merco M804 - Vinyl**

**SECTION I – PRODUCT IDENTIFICATION**

Polyvinyl Chloride Tapes

**SECTION II – HAZARDOUS INGREDIENTS / IDENTITY INFORMATION**

Hazardous Components (Specific Chemical Identity: Common Name(s) **OSHA PEL** **ACGIH TLV** Other Limits

<b><u>Chemical Name</u></b>	<b><u>Percent %</u></b>	<b><u>CAS Number</u></b>
Rubber Adhesive	10-15	
PVC Resin	45-60	[9002-86-2]
Plasticizers	25-35	[117-81-7]
Lead Stabilizers for PVC Film	20000-30000PPM	
Pigments	0-5	
CaCO <sub>3</sub>	0-20	[471-34-1]
Toluene	8000PPM↓	[108-88-3]
Vinyl Chloride (monomer)	10PPM↓	
Cd Compound	10PPM↓	

**SECTION III – PHYSICAL / CHEMICAL CHARACTERISTICS**

Boiling Point	N/A	Specific Gravity (H <sub>2</sub> O=1)
Vapor Pressure (mm Hg)	N/A	Softening Point
Vapor Density (Air=1)	N/A	Evaporation Rates (Butyl Acetates=1)
Solubility in Water	N/A	Decomposition Temperature
Appearance and Odor		

**SECTION IV – FIRE & EXPLOSION HAZARD DATA**

Flash Point (Method Used): 250-320. (ASTM D-1929) Flammable Limits: N/A LEL

**Extinguishing Media:** water, dry chemical foam, CO<sub>2</sub>

**Special Fire Fighting Procedures:** Wear self-contained breathing apparatus and protective clothing to prevent contact with skin and eyes.

**Unusual Fire and Explosion Hazards:** Any vinyl can be forced to burn by continuous application of intense heat.

**SECTION V – REACTIVITY DATA**

Stability	Unstable	
Stability	Stable	V
Incompatibility (Material to Avoid):	Not Known	
Hazardous Decomposition of By-Products:	CO <sub>2</sub> , CO, HCL & some toxic gases.	
Hazardous	May Occur	
Polymerization	Will Not Occur	X V

**SECTION VI – HEALTH HAZARD DATA**

Routes of Entry: Inhalation

There are no instances of health hazard when handling unheated product. When heated at high temperature, it will thermally degrade and decompose and produce fumes.

Health Hazards (Acute and Chronic):

Inhalation of such fumes may irritate nose, throat and lungs depending on concentration and duration of exposure. Lead fumes may occur anorexia, vomiting, malaise, convulsions due to increased intracranial pressure.

OSHA Regulated N/A

Signs and Symptoms of Exposure: Fumes overexposure may cause cough, headache and drowsiness.

Medical Conditions Generally Aggravated by Exposure:

1. Remove the fuming material or remove to fresh air.
2. Call a physician.

Emergency and Fire Aid Procedures: If irritation persists from processing vapors or decomposition products, remove the individual from the area.

**SECTION VII – PRECAUTIONS FOR SAFE HANDLING AND USE**

<b>Steps to be taken in case material is Released or Spilled</b>	N/A
<b>Waste Disposal Method</b>	Use approved disposal methods as recommended by state and local agencies.
<b>Precautions to be taken in Handling and Storing</b>	Store in cool, dry, well-ventilated area, away from flammable materials or sources of heat and flame.
<b>Other Precautions</b>	None

**SECTION VIII – CONTROL MEASURES**

Respiratory Protection (Specify Type) :	Not Needed	
Ventilation	Local Exhaust: Not Needed	Special: N/A
Ventilation	Mechanical (General): Recommended	Other
Protective Gloves: Not Needed	Eye Protection: Recommended for all workplaces.	
Other protective clothing or equipment:	Not Needed	

**PLEASE NOTE: If you repackage or otherwise redistribute this product to industrial customers, a notice similar to this one should be sent to that customer.**