

U.S. DEPARTMENT OF LABOR
OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION
MATERIAL SAFETY DATA SHEET
REQUIRED UNDER USDL SAFETY AND HEALTH REGULATION FOR SHIP REPAIRING, SHIPBUILDING, AND SHIPBREAKING (29 CFR 1915, 1916, 1917)

Identity (As used on label and list): Polyvinyl Chloride Tapes Merco M307, M333, M501, M700, M801, M803, M804, M806, M809, M85+, M90+	
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Section I

Manufacturer's Name: Merco Hackensack, Inc	Emergency Telephone Number 845-357-3699
Address : 201 Route 59, Hillburn NY 10931	Telephone Number for Information 845-357-3699
	Date Prepared 2020/11/01
	Signature of Preparer (Optional)

Section II- Hazardous Ingredients/ Identity Information

Hazardous Components (Specific Chemical Identity: Common Name(s))				OSHA PEL	ACGIH TLV	Other Limits
Chemical Name	%	CAS No. or Note				
Rubber Adhesive	10-15					
PVC resin	45-60	[9002-86-2]				
Plasticizers	25-35	[117-81-7]				
Lead Stabilizer for PVC film	2-3					
Pigments	0-5					
CaCO3	0-20	[471-34-1]				
Toluene	0-1	[108-88-3]				
Vinyl Chloride (monomer)	N/A	[75-01-4] ; detection limit 10ppm				
Cd compound	N/A	detection limit 10ppm				
Electrolytic material	N/A					

Section III- Physical / Chemical Characteristics

Boiling Point	N/A	Specific Gravity (H ₂ O=1)	1.25-1.45
Vapor Pressure (mm Hg)	N/A	Softening Point	>100°C
Vapor Density (Air=1)	N/A	Evaporation Rates (Butyl Acetates=1)	N/A
Solubility in Water	N/A	Decomposition Temperature	260(°C)/500°F
Appearance and Odor	solid appearance and with slight odor of PVC material		

Section IV- Fire and Explosion Hazard Data

Flash Point (Method Used) 320-390°C (ASTM D-1	Flammable Limits: N/A	LEL	UEL
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Extinguishing Media: water, dry chemical foam, CO₂

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		Conditions to Avoid
	Stable	V	

Incompatibility (Materials to Avoid)

Hazardous Decomposition of By-Products

Hazardous	May Occur		Conditions to Avoid
	Polymerization	Will Not Occur	V

Section VI - Health Hazard Data

Route(s) of Entry: Inhalation? Skin? Ingestion?

Health Hazards (Acute and Chronic)

N/A

OSHA Regulated?(Occupational Safety & Health Administration, US dept. of labor, <http://www.osha.gov/>)

N/A

Signs and Symptoms of Exposure

Medical Conditions Generally Aggravated by Exposure

Emergency and Fire Aid Procedures

If irritation persists from processing vapors or decomposition products, remove individual from the area.

Section VII- Precautions for Safe Handling and Use

Steps to Be Taken in Case Material is Released or Spilled

N/A

Waste Disposal Method

Use approved disposal methods as recommended by state and local agencies.

Precautions to Be Taken in Handling and Storing

Stored in cool, dry, well-ventilated area, away from flammable materials or sources of heat and flame

Other Precautions

Section VIII- Control Measures

Respiratory Protection (Specify Type)

Ventilation	Local Exhaust: not needed	Special: N/A
	Mechanical (General):recomm	Other
Protective Gloves: Not needed	Eye Protection: recommended for all workplaces	
Other Protective Clothing or Equipment: Not needed		
