

# Material Safety Data Sheet

May be used to comply with OSHA's Hazard Communication Standard, 29 CFR 1910.1200. Standard must be consulted for the specific requirements.

# U. S. Department of Labor

Occupational Safety and Health Administration  
(Non-Mandatory Form)  
Form Approved  
OMB No. 1218-0072

IDENTIFY (As used on label) Mercury M100F, M1000F		NOTE: Blank spaces are not permitted. If any item is not applicable or no information is available; the space must be marked to indicate it.	
<b>Section I</b>			
Manufacture's Name Mercury Adhesives LLC		Emergency Telephone Number 1-800-424-9300 (International Number) 703-527-3887	
Address (Number, Street, City, State and ZIP Code) 6150 Parkway North Dr Cumming GA 30040		Telephone Number for Information 770-886-9566 Data Prepared 01/01/13 Signature of Preparer (Optional)	
<b>Section II – Hazardous Ingredients/Identity Information</b>			
Hazardous Components (Specify Chemical Identity: Common Name(s) OSHA PEL ACGIH TLV Other Limits Recommended			% Optional)
Cyanoacrylate Ester		27816-23-5	85-100
Poly (Methyl Methacrylate)		9011-14-7	<15
<b>Section III – Physical/Chemical Characteristics</b>			
Boiling Point	>150°C	Specific Gravity (H2O =1) 20°C	1.1
Vapor Pressure (mm Hg)	Less than 0.2mm	Melting Point	n/a
Vapor Density (AIR = 1)	n/a	Evaporation Rate (Butyl Acetate = 1)	n/a
Solubility in Water: Polymerized by water			
Appearance and Odor: Colorless to straw color with a very slight odor.			
<b>Section IV – Fire and Explosion Hazard Data</b>			
Flash Point (Method Used) 176°F T.C.C.	Flammable Limits	LEL n/a	UEL n/a
Extinguishing Media: Foam, CO <sub>2</sub> , dry chemicals			
Special Fire Fighting Procedures: Use self-contained breathing apparatus.			
Unusual Fire and Explosion Hazards: Possible exothermic reaction leading to substrate ignition and fume generation.			
<b>Section V – Health Hazard Data</b>			
Threshold Limit Value: ACGIH TLV: None; OSHA PEL: None, Other 0.2 ppm TWA			
Effects of overexposure: Vapor can irritate eyes, nose and bronchial passage. Bonds skin in seconds. May cause burns if dropped on clothing in contact with the skin.			
Emergency and First Aid Procedures: Skin: immerse bonded surface in warm soapy water. Peel or roll surface apart with aid of a blunt edge. Do not pull apart with direct opposing action. Eye: flush eye with clear water for at least 15 minutes while gently holding eyelids open. If eyelids bond, eye will open naturally within 1-4 days. Get immediate medical attention. Mouth/Ingestion: apply warm water to mouth. Peel or roll lips apart. Inhalation: Remove to fresh air. Burns: Should be treated normally after the lump of cyanoacrylate is released from the tissue.			
<b>Section VI – Reactivity Data</b>			
Stability	Unstable	Conditions to Avoid Water, amines, basic materials and alcohols.	
	Stable	X	
Incompatibility (Materials to avoid) Polymerized by contact with water, alcohol, amine or alkaline products.			
Hazardous Decomposition Products: None.			

Hazardous Polymerization	May occur	X	Conditions to Avoid: Rapid polymerization by contact with water, alcohol, amines, alkalis.	
	Will not occur			
<b>Section VII – Spill or Leak Procedures</b>				
Steps to be taken in case material is to be released or spilled: Flood with water to polymerize. Soak up with inert absorbent.				
Waste Disposal Method: Polymerize as above, incinerate in accordance with EPA and local regulations.				
<b>Section VIII – Special Protective Information</b>				
Respiratory Protection ( <i>Specify Type</i> ) None needed for normal use.				
Ventilation	Local Exhaust May be desirable when using large amounts in a confined area.		Special None	
	Mechanical Not Applicable		Other None	
Protective Gloves: Polyethylene or rubber gloves. Do not use cotton, nylon or PVC gloves.		Eye Protection: Safety glasses or goggles.		
Other Protective Equipment: Polyethylene/polypropylene or nitrile coats or aprons (not cotton or nylon).				
<b>Section IX – Special Precautions</b>				
Precautions to be taken in handling and storing: Store at or below 75°F to maximize shelf life.				
Other Precautions: Keep away from children. Avoid contact with skin and eyes. Avoid breathing vapors.				
<b>Section X – Regulatory Information</b>				
CERCLA/SARA Section 311/312: Immediate Health hazard, Delayed health Hazard, Fire, Reactive WHMIS Hazard Class: B.3, D.2.B All components are listed or are exempt from listing on the TSCA Inventory and the Canadian DSL Estimated HMIS Code: Fire Hazard (2) Health Hazard (2) Reactivity (1)				
<b>Section XI – Transportation Information</b>				
DOT (49CFR172): Unrestricted [Less than 450 L] NA1993, Combustible liquid, n.o.s. (cyanoacrylate ester), 3, III [More than 450 L] IATA: Unrestricted [Not more than 500mL] UN3334, Aviation regulated liquid, n.o.s., (cyanoacrylate ester), 9 [More than 500 mL]				
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