

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 MH16		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.		
Section I				
Manufacture's Name Mercury Adhesive LLC		Emergency Telephone Number 1-800-424-9300 (International Number) 703-527-3887		
Address (Number, Street, City, State and ZIP Code) 6110 Parkway North Dr Cumming, GA 30040		Telephone Number for Information (770)-664-6624 Date Prepared 06/16/10 Signature of Preparer (Optional)		
Section II – Hazardous Ingredients/Identity Information				
Hazardous Components (Specify Chemical Identity: Common Name(s) OSHA PEL ACGIH TLV Other Limits Recommended				% Optional)
Hydrotreated light naphtha		64742-49-0		99-99.9
N,N-dimethyl-p-toluidine		99-97-8		0.1 - 1
NE = Not Established				
Section III – Physical/Chemical Characteristics				
Boiling Point	66-103°C	Specific Gravity (H2O =1)	~0.69@77°F	
Vapor Pressure (mm Hg)	19 @ 68°F	Melting Point	NA	
Vapor Density (AIR = 1)	3.1 g/l	Evaporation Rate (Butyl Acetate = 1)	2.7 (ether =1)	
Solubility in Water: negligible	VOC: 100%			
Appearance and Odor: Clear colorless liquid; mild aliphatic hydrocarbon odor.				
Section IV – Fire and Explosion Hazard Data				
Flash Point (Method Used) 0°F (T.C.C.) (Heptane)	Autoignition temperature: 254°C	Flammable Limits Heptane	LEL 1.0%	UEL 7.0%
Extinguishing Media: Class 1B fire extinguisher: e.g., carbon dioxide, dry chemical.				
Special Fire Fighting Procedures: Wear self-contained breathing gear and protective clothing. Vapors may travel long distance on the ground to an ignition source and flash back.				
Unusual Fire and Explosion Hazards: Direct water jet will spread burning material. Combustion products are very toxic and highly irritating. Cool sealed drums with water spray to lessen chance of rupture. Container explosion can occur, vapor forms explosive mixture in the air.				

Section V – Health Hazard Data

Threshold Limit Value: (Hydrotreated naphtha) CMRG: TWA. 50ppm				
Effects of overexposure: Mild eye irritation: redness swelling, pain, tearing Moderate skin irritation: localized redness, swelling, itching, dryness Ingestion: Chemical Pneumonitis: choking, burning of the mouth, difficulty breathing cyanosis, and may be fatal. May be absorbed and cause target organ effects. Inhalation: respiratory tract irritation, may cause nausea, headache, dizziness. May be absorbed and cause target organ effects. Target organ effects: Central nervous system depression: headache, dizziness, drowsiness, nausea, slowed reaction time, slurred speech, giddiness and unconsciousness.				
Emergency and First Aid Procedures: Eyes: Flush eyes with water a minimum of 15 minutes. If irritation persists, contact a physician. Skin: Flush with water and wash with soap. Ingestion: Do not induce vomiting. Keep individual calm. Give two glasses of water. (Do not give an unconscious person anything by mouth. Obtain medical attention.				

Inhalation: Remove to fresh air (oxygen or artificial respiration if needed). Obtain medical attention.			
Section VI – Reactivity Data			
Stability	Unstable		Conditions to Avoid
	Stable	X	
Incompatibility (<i>Materials to avoid</i>) Strong oxidizers, sources of ignition.			
Hazardous Decomposition Products: Carbon Monoxide, Carbon Dioxide, oxides of nitrogen			
Hazardous Polymerization	May occur		Conditions to Avoid:
	Will not occur	X	
Section VII – Spill or Leak Procedures			
Steps to be taken in case material is to be released or spilled: Extremely flammable. Keep all sources of ignition and hot metal surfaces away from spill. Prevent material from entering sewers or natural waterways. Permit only properly protected workers with skin and eye protection and self-contained breathing gear. Absorb small spills with absorbent material. Pump large spills into salvage tanks.			
Waste Disposal Method: RCRA hazardous waste. D001 (Ignitable). Incinerate waste in accordance with EPA and local regulations.			
Section VIII – Special Protective Information			
Respiratory Protection (<i>Specify Type</i>) Above TLV. NIOSH/MESSA approved respirator.			
Ventilation	Local Exhaust	Recommended	Special None
	Mechanical		Other None
Protective Gloves: Resistant Plastic or Rubber		Eye Protection: Chemical splash goggles recommended.	
Other Protective Equipment: Protective Rubber or plastic apron.			
Section IX – Special Precautions			
Precautions to be taken in handling and storing: Store in a cool, dry place. Do not eat, drink or smoke while using this product.			
Other Precautions: Keep away from excessive heat and flame. Keep container closed when not in use. Keep well ventilated. Avoid contact with eyes. Avoid vapors. Keep away from children.			
Section X – Regulatory Information			
All ingredients are listed or exempt from listing on the TSCA Inventory.			
Estimated HMIS Code: Health Hazard (2) Fire Hazard (3) Reactivity (0)			
311/312 Hazard Categories: Fire Hazard, Immediate Hazard			
Section XI – Transportation Information			
DOT (49 CFR 172)		UN#: 1206	
Proper Shipping Name: Heptane Solution		Packaging Group: II	
Hazard Classification: 3		Hazard Label Required: Flammable Liquid	
Exceptions: consumer commodity ORM-D (Not more than 1 liter)			
ICAO/IATA : Same as above			
Exceptions: May qualify as consumer commodity ID8000 (Not more than 500 ml)			
IMO/IMDG: Same as above			
Exceptions: Limited quantity (Not more than 1 Liter)			
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