

**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 Debonder M68DB		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 Adhesive LLC		Emergency Telephone Number 1-800-424-9300 (International Number) 703-527-3887	
6110 Parkway North Dr		Telephone Number for Information (770)-664-6624	
Cumming, GA 30040		Date Prepared 06/16/10	
		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)			
Acetone	67-64-1		40-70
Propylene carbonate	108-32-7		30-60
NE = Not Established			
<b>Section III – Physical/Chemical Characteristics</b>			
Boiling Point	133- 242 °F	Specific Gravity (H2O=1)	0.87- 0.95
Vapor Pressure (mmHg)	Not measured	Melting Point	NA
Vapor Density (AIR=1)	2.0 – 3.52	VOC	~40% or 368g/liter
Solubility in Water: 40-82%			
Appearance and Odor: Pale yellow to colorless clear liquid. Solvent odor.			
<b>Section IV – Fire and Explosion Hazard Data</b>			
Flash Point (Method Used) >-4°F (T.C.C.)	Flammable Limits	LEL 1.8	UEL 12.8 %
<b>Extinguishing Media:</b> Class B fire extinguisher: CO2, foam, dry chemical.			
<b>Special Fire Fighting Procedures:</b> Self-contained breathing gear and protective clothing.			
<b>Unusual Fire and Explosion Hazards:</b> Direct water jet will spread burning material. Combustion products are toxic and irritating. Cool sealed drums with water spray to lessen chance of rupture.			
<b>Section V – Health Hazard Data</b>			
<b>Threshold Limit Value:</b> Acetone: OSHA TWA 1000ppm; STEL 1000ppm, PEL 750ppm			
<b>Effects of overexposure:</b> <b>Severe eye irritant:</b> redness, swelling, pain, tearing possible impaired vision <b>Mild skin irritant:</b> localized redness, itching <b>Ingestion:</b> if significant quantity is ingested, can cause gastrointestinal irritation, abdominal pain, nausea, vomiting and diarrhea. May be absorbed following ingestion and cause target organ effects. <b>Respiratory tract irritation</b> which may include cough, sneezing, nasal discharge, headache, dizziness. May be absorbed following ingestion or inhalation and cause target organ effects. Target Organ effects: Central nervous system depression: headache, dizziness, drowsiness, nausea, slowed reaction time, slurred speech, giddiness and unconsciousness.			
<b>Target Organ Effects:</b> Central nervous system depression: symptoms may include headache, dizziness, drowsiness, incoordination, nausea, slowed reaction time, slurred speech, giddiness and unconsciousness			

<b>Emergency and First Aid Procedures:</b>			
<b>Eye contact:</b> Flush eyes with plenty of water for at least 15 minutes. Contact a physician.			
<b>Skin:</b> Wash with soap and water. If symptoms persist seek medical attention.			
<b>Ingestion:</b> do not induce vomiting. Keep individual calm. Give victim two glasses of water. Never give anything by mouth to an unconscious person. Obtain emergency medical attention.			
<b>Inhalation:</b> Remove to fresh air (Oxygen or artificial respirator if needed). If symptoms persist obtain medical attention.			
<b>Section VI – Reactivity Data</b>			
<b>Stability</b>	Unstable		Conditions to Avoid
	Stable	X	Sparks and or flames; heat
<b>Incompatibility (Materials to avoid)</b> Strong oxidizers.			
<b>Hazardous Decomposition Products:</b> Combustion yields Carbon Monoxide and/or Carbon Dioxide and irritant vapors or gases.			
Hazardous Polymerization	May occur		Conditions to Avoid:
	Will not occur	X	
<b>Section VII – Spill or Leak Procedures</b>			
<b>Steps to be taken in case material is to be released or spilled:</b> Eliminate all sources of ignition in the spill area. 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. Treat as hazardous waste.			
<b>Waste Disposal Method:</b> RCRA hazardous waste D001 (Ignitable). Incinerate in accordance with EPA and local regulations.			
<b>Section VIII – Special Protective Information</b>			
<b>Respiratory Protection (Specify Type)</b> Above TLV. NIOSH approved respirator.			
<b>Ventilation</b>	Local Exhaust	Recommended	Special: None
	Mechanical		Other: None
Protective Gloves: Natural rubber or Neoprene gloves		Eye Protection: Protective glasses recommended.	
<b>Other Protective Equipment:</b> Protective plastic or rubber apron.			
<b>Section IX – Special Precautions</b>			
Precautions to be taken in handling and storing: Keep away from heat, sparks and flame. Store in a cool, dry place. Avoid contact with eyes. Avoid vapors.			
Other Precautions: Keep container closed when not in use. Keep in well, ventilated area.			
<b>Section X – Regulatory Information</b>			
All ingredients in this product are listed or exempt from listing on the TSCA inventory. Estimated HMIS Code: Health Hazard (2) Fire Hazard (3) Reactivity (0)			
This material contains a chemical which requires export notification under TSCA Section 12b (acetone) 311/312 Hazard Categories: Fire Hazard, Immediate Hazard			
<b>Section XI – Transportation Information</b>			
DOT (49 CFR 172)		UN#: 1090	
Proper Shipping Name: Acetone Solution		Packaging Group: II	
Hazard Classification: 3		Hazard Label Required: Flammable Liquid	
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