Tool ID: 1807
Tool Location: 224

Equipment Information Sheet

High-temperature PDMS Curing Oven (2nd Floor)

Manager: **Xinwei Wu** **607-254-4934**
Backup: **Michael Skvarla** **607-254-4674**

Calls to staff phones will be automatically forwarded to their cell phones during accessible hours. At other times leave a message or send them an email.

SAFETY

- BURN HAZARD: oven can heat to high temperatures.

USAGE RESTRICTIONS

- Leave your name and contact info on the door of the oven.

SCHEDULING/SIGN-UP RESTRICTIONS

Minimum Tool Time: 0 minutes

- Do NOT use longer than 3 days at a time.
- This is NOT to be used for storing samples.

MATERIALS COMPATIBILITY CATEGORY

Tool Category 5: Class A and B Metals and Compounds

Allowed	Not Allowed
Tool category 1/1E, 2, 3, and 4 materials	
Silicon Based Substrates and Films	
III/V compound Semiconductors	
Glass Substrates	
PECVD and ALD Films	
Cured organics and baked Photoresist	
CNF Class A, B, and Refractory metals	
Exposed Gold, Silver, Copper	
Alkali and Alkaline Compounds	
Organic/Biology Molecules prepared-w/salt buffers	
High Vapor Pressure Materials (Mg, Ca, Zn)*	* Some tool restrictions on high vapor pressure materials may apply
Soft organic materials	

High Vapor Pressure Metals and Compounds are materials that have a vapor pressure above 1e-6 Torr at 400 C.

Additional Material Restrictions and Exceptions

- USE GLASS DISHES ONLY. Never use plastic dishes above 60°C. Plastics will melt.
- Turn the oven OFF when finished.

Last Updated: 01/13/2022