

Points to take care of when Doming:

1. Moisture:

Moisture is the biggest enemy in the Doming process. Even the tiniest amount will cause bubbles in the dome and possible sticky patches where the resin has not set.

In severe cases, portions of the dome will 'erupt'. See picture below:



This was most probably caused by a finger print on the surface before doming.

2. Prevention:

The Ideal environment would be an air conditioned room at about 16° C with a relative humidity of less than 40%. This said, a lot of very successful doming takes place in rooms with temperatures up to 23° C.

Definitely NOT in Kitchens or Bathrooms.

- Use a mask over your nose and mouth or dome under a sheet of glass to prevent breathing on your work.

- Keep hot beverages (tea, coffee, etc.) out of any room where you are doming.
- Make sure that the objects you are doming and the Doming resin are at approximately the same temperature.
- If you need to wipe your material before doming, use a clean, dry cloth. Do NOT use alcohol or methelated spirits as these will leave moisture on the surface once the alcohol has evaporated. If you need to use a solvent, then use acetone and make sure it is dry before you dome.
- Do not touch the surface to be domed with your hands or fingers.
- If you have concerns about moisture on your work, put it in an oven at 40° C for about 15 minutes. Let it cool off in a dry place before doming.

3. Resin Storage:

- The Doming Resin is supplied in sealed packets purged with dry nitrogen, to ensure that it is not contaminated by moisture. These sealed packets, if kept at a temperature of less than 25° C, could be stored for up to a year.
- Once the sealed packet is opened, the cartridge would have a shelf life of a few days if stored in an environment where the temperature is less than 23° C with a relative humidity of less than 40%. If you need to store it for a longer period, then place the un-used cartridges in a 'Zip-lock' plastic bag and seal it with as little air as possible inside. Place the plastic bag in a refrigerator until you need to use it again. When removing it from the refrigerator, allow it to warm up to room temperature before opening the plastic bag.