

BEFORE USING YOUR RESIN...

- Weather can have an impact on a variety of chemicals, and you may need to take precautions and/or do some prep work BEFORE you use your resin. You should always inspect your materials before use.
- Some systems can have a condition called “Chemical Freezing” even at temperatures above water freezing 0°C. On the “A” sides of some systems, you may look inside the bottle and think that something is wrong because it looks “grainy”, cloudy or thick. On some “B” sides of materials, you may see layered separations from top to bottom.
- Shipping warehouses and delivery trucks are rarely temperature controlled. So, while your material is packed & stored in Sydney, once it leaves our dock it may travel through some other climates before it is delivered to you.
- Consider how you have stored the material prior to use. Was it in a controlled environment?

- If you assess the material to be cold, we recommend that you put the containers in a warm environment with the cap/s slightly cracked. Low relative humidity is essential. Place the bottles in an oven* at a modest temperature: 38-50°C for 1-4 hours.
- You will then want to re-blend by shaking or stirring to ensure any cooler material at the centre of the container has shifted. Another option is to build a small warming box to place your kits prior to use. Let the material return to room temperature before casting.
- If you assess the material to be warm, you may find your resin experiences an extreme exothermic reaction which can cause shrinkage, distortion, cracking and even smoking. Place kits in a suitable ambient environment for a few hours and observe any changes.
- If you frequently work with resin, consider investing in an infrared thermometer and combination thermometer & hygrometer in your workspace for accurate temperature readings.
- DO NOT use the resin if you suspect your material is not in the ideal condition for use. Use the above techniques or contact our Technical Department at **tech@barnes.com.au**

*Do not use an oven where food is being cooked.