



Crystallization of epoxy resins

Crystallization is defined by the formation of solids in a liquid. This chemical reaction occurs naturally in certain food products (such as honey) and certain minerals.

How to recognize it:

High purity resins are very sensitive to moisture and cold temperature. Easily visible to the eye, the crystallization appears in different forms: Cloudy appearance, visible deposit at the bottom of the container and in some cases complete solidification of the product



Crystallization is not a sign of a defective product or batch. This phenomenon can happen randomly in different containers from the same batch. It is impossible to predict or eliminate. **Do not mix Part A and B before applying the following procedure.**

Procedure to follow:

- Loosen cover of container.
- In a water bath, heat the affected container to 55°C (130F) for about 1 hour in a ventilated area. Allow more time for a 20L format.
- Mix manually and check the condition of the contents to confirm that there are no more signs of crystallization. Pay special attention to the bottom of the container for any residue.
- Replace cover and store at an ambient temperature of 21°C (70F)

Do attempt to use crystallized epoxy until it as been re-heated as it will lead to issues with final result. As it is not a sign of a defective product, Ryver Epoxy disclaims all liability in the event of non-compliance with the procedure to be followed in the event of crystallization.