

Data Guide 1021

EPOXY DOMING RESIN

PRODUCT DESCRIPTION:

Epoxy Doming Resin is a two-pot epoxy resin for use in the following areas – top-coating decorative wooden tops, wooden plaques, badges, cold enameling decoupage.

PREPARATION AND APPLICATION INSTRUCTIONS

- 1 Use a clean dry container, add one part hardener to two parts base, stir until the materials are thoroughly blended together, mixing should be completed after two minutes of vigorous mixing.
- 2 The importance of thoroughly mixing cannot be emphasized – if bubbles are whipped into the mixture these can be removed later. Note: Improper mixing can result in soft/sticky spots.
- 3 Once you have thoroughly mixed the resin mixture, carefully pour over the surface in an even pattern, spread where necessary using a piece of stiff paper to help the liquid flow together.
- 4 If the mixed Doming Resin is left in the mixing container, it will become hot and set rapidly.
- 5 After the Doming Resin has been applied to the article, any air bubbles created while stirring will rise to the surface taking approximately five minutes to appear, these bubbles can be easily broken by gently using a propane torch.
- 6 Hold the torch approximately 150mm away from the article and sweep smoothly across the surface until the bubbles have disappeared, this process may be as often as is necessary while the material is still in liquid form. Brush the edges until the material is set firm enough not to sag.
- 7 It is the carbon dioxide, not the heat which breaks up the bubbles.

CURE

For the best results, coat at temperatures between 22oC and 28oC.

Allow the coated item to cure in a warm dust free room.

Cure time will vary with humidity and temperature, humidity below 50% is recommended for proper hardness of the film.

Placing a clean cardboard box over the item is effective in keeping dust off the surface during the cure cycle.

TEMPERATURE	DUST FREE	CURE TIME
22oC	4-7hours	72hours
28oC	3-6hours	48hours
32oC	2-5hours	36hours

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CLEANING

Clean mixing pots with Norski Epoxy Thinners

SAFETY PRECAUTIONS: Do not use near fire or flames. Harmful or fatal if swallowed. Use disposable gloves to avoid skin contamination. If resin comes into contact with skin, wash uncured resin off with soap and water. Wear safety glasses to avoid eye contamination. Mixed formulation contains Epoxy Resin and Amines. If swallowed do not induce vomiting. Give a glass of water. Contact a Doctor or the Poisons National Information Centre on 03-474 7000 (Urgent information only). Eye contamination: Hold eyes open and flood with water for at least 15 minutes. See a Doctor immediately.

WARRANTY:

Because there use of this product is beyond the control of the manufacturer, no liability or responsibility can be accepted for any loss or damage arising from its application or use. Liability for faulty material is limited to replacement only.

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