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AN ART CONSERVATION EQUIPMENT COMPANY

EQUIPMENT, SUPPLIES, AND SERVICES FOR INSTITUTIONS AND INDIVIDUALS

HXTAL Use Suggestions

The resin (part A) and the hardener (part B) are mixed A:B = 3:1 by weight.

HXTAL should be cured at or above room temperature. If the temperature falls below average room temperature (65 degrees F), HXTAL will still bond, but it will cure much slower.

HXTAL must be carefully measured when mixed, an incorrect ratio may lead to the epoxy not curing properly. Average cure time for HXTAL is one week.

In a warming cabinet, HXTAL will cure in about 2 days.

Clean-up for HXTAL should be done with Isopropyl Alcohol before it is cured, and Acetone or Methyl Ethyl Ketone (MEK) after it has cured.

HXTAL will clean up easier if it is heated.

HXTAL can be stored after mixed in a freezer. It should be placed in a glass container and tightly capped and placed in a ziplock bag.

Dyes (such as Orasol Dyes) can be added to HXTAL, but should be tested for color shift after curing. Pigments can also be used, but may not last and require replacement further down the line. Pigments should also be tested for color shift before using on an artifact.

Tensile strength of HXTAL is 8000 pounds/square inch.

HXTAL's glass transition temperature is 35-36 degrees Celsius.

HXTAL is an inert epoxy. It is not guaranteed or tested as food-safe.

HXTAL part A can become cloudy when stored, this does not indicate the HXTAL has gone bad. To reintegrate, heat the HXTAL at 150F (66C) for 4-6 hours.

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