

# POXYART PASTE

## DATA SHEET

**PRODUCT:** An ambient temperature curing, non-flowing, two pack Epoxy Paste.

**APPLICATION:** By spatula, palette knife.

**VISCOSITY:** 25°C (77°F) – Thixotropic Paste

**COLOUR:**

Resin: Off White

Hardener: Beige

Mixed Colour: Off White

**SPECIFIC GRAVITY:** Mixed Compound: 1.7 – 1.75 g/cm<sup>3</sup>

**MIXING RATIO:** By Weight or Volume                      100 Parts Resin  
50 Parts Hardener

**PRACTICAL WORKING TIME:** 25°C (77°F)  
10 – 15 Minutes

**GEL TIME:** 25°C (77°F)  
(5 mm Thick Application) 30 - 35 Minutes  
(2 mm Thick Application) 40 - 45 Minutes

**HARD SETTING TIME:** 25°C (77°F)  
(5 mm Thick Application) 60 – 70 Minutes  
(2 mm Thick Application) 2 - 2½ - Hours

**PRACTICAL CURE:** 25°C (77°F)  
(5 mm Thick Application) 6 – 8 Hours

**CURE TO FULL STRENGTH:** 25°C (77°F)  
7 Days

**HARDNESS:** (Cured 24 Hours / 25°C (77°F))                      Shore D: 85 – 90

**MINIMUM APPLICATION TEMP:** 10°C (50°F)

**HEAT RESISTANCE:** Suitable for applications up to 70°C - 75°C

**TENSILE STRENGTH:**  
(Din 53455) >18-20 MPa

**IMPACT STRENGTH:**  
(Din 53453) >4-5 kJ/m<sup>2</sup>

**CHEMICAL RESISTANCE:** Excellent: resistance against water, oil, diluted acids.  
Good: resistance against inorganic acids and alkaline materials at ambient temp.

## PROPERTIES AND USES:

PoxyPaste produces a textured, hard and tough coating with good abrasion resistance.

### Applications:

- Textured Art on Wood, Metal, Canvas etc.
- Castings
- An adhesive

### STORAGE STABILITY:

Stored under dry and cool conditions in sealed packaging: 12 months.

### TOXICITY:

Non-toxic at ambient temperatures, very low skin irritation potential. However, gloves should be worn and adequate ventilation must be ensured during application.

### NOTICE:

The technical specification and/or our technical advice, whether verbal, in writing or by trials, is given in good faith and based on our test results obtained but without warranty. It does not release the user from the obligation to test the products supplied by us or any third party as to the suitability for the intended application.

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For any further information, please don't hesitate to contact us via [info@poxyart.com](mailto:info@poxyart.com)

PoxyArt Casting Resin is available for online purchase from [www.poxyart.com](http://www.poxyart.com)

*This document was revised May 2019 at which all information was deemed current and correct.*