

# MAKEART®

# ART RESIN

MAKEART® ART RESIN is specifically formulated to produce a smooth, crystal-clear, ultra high-gloss surface finish for Resin Art.

The system has been optimised to accept, and “hold” coloured pigments and other additives to produce transparent or solid colours that can be used alone, or blended with two or more colours, by you to create your own unique colours for multi-layered artworks.

MAKEART® ART RESIN is low odour, VOC and Solvent free, and can be poured or brushed-on to self-level and cure at room temperature. The system has excellent air release, and colour and UV stability, ensuring optimal longevity.

## UNCURED PROPERTIES

|                              | RESIN<br>Part A      | HARDENER<br>Part B   |
|------------------------------|----------------------|----------------------|
| Physical State               | Colourless<br>Liquid | Colourless<br>Liquid |
| Viscosity mPas@ 25°C         | 2250                 | 1920                 |
| Specific Gravity g/ml @ 25°C | 1.16                 | 1.05                 |

## CURED CHARACTERISTICS

|   |      |
|---|------|
| Shore “D” Hardness @ 25°C   | 74   |
| Glass Transition Temperature<br>T <sub>g2</sub> by DSC 1 month @ 25°C | 40°C |

## HANDLING PROPERTIES

|   |                |                      |
|---|----------------|----------------------|
| Mix Ratio by volume<br>by weight                  | Part A: Part B | 1 : 1<br>100 : 88    |
| Mixed Viscosity @ 25°C                            |                | 2150                 |
| Coverage -<br>1 mixed litre of resin and hardener |                | 0.60m <sup>2</sup> * |
| Pot Life – 100g @ 25°C (in air)                   |                | 50 minutes           |
| Thin Film Open time @ 25°C                        |                | 9 hours              |
| Cured to a Solid State @ 25°C                     |                | 24 hours             |
| Cure to Maximum Strength @ 25°C                   |                | 3 days               |

\*coverage is dependant on surface porosity

Refer to [makeartresin.com](http://makeartresin.com) for APPLICATION details

## CLEAN-UP AND DISPOSAL

Clean the equipment with lacquer thinner, acetone, or alcohol. Follow safety warnings on solvents, and provide adequate ventilation. Clean epoxy hardener residue with warm soapy water.

DO NOT dispose of resin and hardener in a liquid state. Waste resin and hardener can be mixed and cure ( in small quantities) to a non-hazardous inert solid.

## STORAGE

MAKEART® ART RESIN resin and hardener will keep for 2 years if kept in original containers at room temperature (15°C to 32°C) and out of direct sunlight. Containers should be tightly sealed to prevent moisture absorption.

## HEALTH AND SAFETY

MAKEART® ART RESIN has moderate sensitising potential, and should be kept out of the eyes and off the skin.

- Use with good ventilation and adequate safety equipment including impervious gloves and safety glasses.
- Refer to MAKEART® ART RESIN Safety Data Sheet available from [www.makeartresin.com](http://www.makeartresin.com)

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