

November 2018

ArtResin™ is a water clear 2 part epoxy resin system designed for creative applications. ArtResin™ contains no BPA, no VOCs, no fumes, no solvents, is non-flammable and non-hazardous and offers industry leading non-yellowing properties.

Mixing Ratio:	By Volume - Resin/Hardener 1:1 By Weight - Resin/Hardener 100:84
1 gallon of ArtResin RESIN:	is 9.4562476 lbs and the specific gravity is 1.1352038
1 gallon of ArtResin HARDENER:	is 8.055 lbs and the specific gravity is 0.9669867
Viscosity at 25°C / 77°F:	Resin - 3500 cP    Hardener - 600 cP    Mixed - 2000 cP
Coverage:	4 oz covers 1 sq ft at 1/16" thick
Ideal room temperature:	24-30°C / 75-85°F (room temperature should not fluctuate)
Working Time / Pot Life:	40-60 min at 23-25°C / 72-77°F
Curing Times:	Touch Dry: 5-8 h    Hard Cure: 24 h    Full Cure: 72 h Curing is accelerated in a warm environment
Heat resistance once cured:	Suitable for applications up to 50°C / 122°F
Chemical Resistance:	Impervious to water, alcohol and most other chemicals.
Storage:	Keep containers tightly sealed and away from heat and cold for long term storage. Use at room temperature.
Shelf Life:	1 year unopened / 6 months opened (approx.)
Tensile Strength:	8000 psi    55 MPa
Flexural Strength:	15,000 psi    103 MPa
Elongation	7%
Shrinkage	0%
Health and Safety:	Wear gloves. Work in a well ventilated area. Refer to SDS available at ArtResin.com.
Durometer Shore Hardness D ASTM 2240 - 78	
Conforms to ASTM D-4236	
Safe for direct food contact once cured (as per FDA 21CFR175.300)	
No VOCs (No fumes)    -    Non-flammable    -    Non-hazmat    -    No BPA (Bisphenol A)	

*All information is given in good faith and without warranty. Properties are given as guidelines only. ArtResin Inc. and its affiliated company ResinVentures Inc. cannot be held responsible for the performance of its products in applications controlled by the customer, including misuse and the introduction of other foreign materials into the ArtResin mixture.*