

# TECHNICAL DATA SHEET

## Liquid Glass Epoxy System

### Description:

The FGCI Super Clear 2.0 Liquid Glass is a proprietary product designed for large castings, art work, synthetic imitation water, food displays, and other decoupage applications requiring a low viscosity, low heat build up, & low shrinkage. This slow setting material cures into a very clear, hard, glossy solid.

This versatile material can be cured with very few internal bubbles, and readily accepts dyes, pigments, UV Inhibitors and other specialty effects powders, pearlescent micas, & glitter. Additionally, it makes an excellent encapsulating material for display items, curios, scientific samples, electronics, and LED lighting.

The product is very slow which is ideal for large scale castings where excessive heat or shrinkage cannot be tolerated, however for small castings the material can be easily accelerated by heating up to around 180 F depending on the application, and mold material.

PROPERTIES	BASE RESIN A-SIDE	CURING AGENT B-SIDE
Appearance:	Clear Thin Syrup	Clear Thin Liquid
Viscosity:	750 CPS (+/- 50)	80 (+/- 10)
Weight per Gallon:	9.3 Lbs.	8.2 Lbs.
Mix Ratio:	2:1 by Volume or 100 A to 44 B by Weight	
Gel-Time (100 Gr. Mass @ 77F):	18-24 Hours	
Gel Time (160F):	1 Hour	
Cure Time:	36-48 Hours	
Hardness:	90-91 Shore D (Full Cure)	
Heat Distortion Temperature:	150-160F (Max 200F)	

This material is for professional use only, using adequate ventilation and protection from eye and skin exposure. Any information supplied with this material is given in good faith, but should always be verified by the end user, as to the sustainability of the material for their application. The warranty of this material shall be limited to the replacement of defective material.