

TECHNICAL DATA SHEET

Liquid Plastic

1:1 Ratio

DESCRIPTION:

Our Liquid Plastic epoxy system is a two component 100% solids epoxy resin system designed for a long Gel Time, Low Exothermic heat build up, with a semi-flexible hardness that will not stress crack glass in most circumstances and cures to a water like appearance. When used in a clear glass container or vase the material will give a water like appearance. This material is formulated from the highest quality raw materials.

Application Tips

Resin which has been slightly warmed will have better flow and air release. Material should be mixed thoroughly while avoiding excessive air entrapment. Cure may be carefully accelerated by mild heat sources such as ovens or heat lamps. Trying to cure too much resin at one time may generate excessive heat buildup and poor results. Under rare circumstances resin may crystallize but may be warmed back to good liquid condition again by heating the resin under hot running water. Some items to be embedded in the resin must be first air sealed themselves. Avoid keeping cured and uncured products in direct sunlight.

	Resin	Hardener
Appearance:	Clear Syrup	Clear Syrup
Temperature For Testing:	77° F	77° F
Viscosity	600 cps	60 cps
Weight Per Gallon:	9.2 (+/- .1) lb/gal	8.17 (+/- .1) lb/gal
Mix Ratio by Volume	1 to 1 by Volume	
Mix Ratio by Weight	100 Parts A to 89 Parts B by Weight	
Gel Time	36 hours at room temp.	
Cure Time	48 hours for full cure and optimum properties	
Hardness	40 to 50 Shore D	
Elongation	5 to 10%	

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