



# TECHNICAL DATA SHEET

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## Clear Cote™ Table Top Epoxy System

### DESCRIPTION:

Clear Cote™ Table Top Epoxy System is a high quality, two component, clear, epoxy coating system designed for table tops, bars, wood finishes, art work, see-through encapsulations and other applications requiring a clear, strong, plastic coating.

The material has an easy to use “1 to 1” by volume, mix ratio. It wets out & substrates well, while maintaining integrity over sharp corners. It has excellent air release qualities, and a relatively fast set time for an epoxy coating which may be accelerated by mild heat to 160F.

	Base Resin A-Side	Curing Agent B-Side
Appearance:	Clear Syrup	Clear Syrup
Viscosity, Spindle #4 @ 6 rpm:	12,000 (+/- 2,000)	1,100 (+/- 300)
Weight per Gallon:	9.6 Lbs.	8.0 Lbs.
Mix Ratio:	1 to 1 by Volume or 100 A to 83 B by Weight	
Gel-Time (100 gr. mass):	30 minutes (+/- 5 min.)	
1/4" Casting Tack Free Time:	2.5 hours (+/- 30 min.)	
Thin film Set Time	4 to 8 Hours depending on thickness and ambient temperature	
Full Cure	24 to 48 hours for optimum properties	
Hardness	65 to 75 Shore D	
Elongation	> 10%	

### Application Tips:

- Mix material slowly to avoid excess air entrapment. Do not whip air into the mix but make sure the material is thoroughly mixed before using. Be careful to scrape the containers sides and bottom as you mix. Continue until the material is clear. Some professional users now pour this mixed material into a separate clean container before use. Most problems that arise with the material are the result of poor mixing.
- Pour the mixed material onto your table top or project. Spread it over the surface or use a quality paint brush, wooden dowel, squeegee or a latex gloved hand.
- Most users will actually put more resin on the project than it can hold. Excess will run off the sides of the project and be allowed to drip. If you use this technique, make sure the sides are well wet with the material and that it drips off evenly.
- Depending on the thickness of the coating, allow several minutes for the air bubbles to raise to the top and then eliminate them by use of the Eat-a Bubble mist, compressed air, or heat gun on a low setting.
- For best results always operate in as clean and dust free a location as possible.

Use this material only with adequate ventilation, protection from eye and skin exposure, and under adult supervision. Epoxy curing does generate heat and large masses may smoke and discolor. Information supplied with this material is given in good faith but the end user needs to determine if the material is suitable for their application. The warranty of this material shall be limited to the replacement of defective material.