



UV CURE 7155™ RIGID UV CURE 7156™ FLEXIBLE LOW INTENSITY UV CURABLE EPOXY RESINS

DESCRIPTION:

UV Cure 7155™ and 7156™ are low intensity UV Curable Epoxy Resins. These products are water clear and cure to a smooth, bubble free finish. Low cost, low intensity lights are all that is needed to cure these unique polymer systems. UV Cure 7155™ and 7156™ also have superior aging and yellowing resistance.

APPLICATIONS:

UV Cure 7155™ and 7156™ may be used as decorative ultra clear doming resins on labels, pins, key fobs, magnets, ceramics, etc... UV Cure 7155™ and 7156™ have outstanding adhesion to photographic paper. Their high gloss finish and outstanding clarity will enhance any image it is applied over. These materials can also be used as protective coatings due to their ability to resist moisture, chemicals and thermal shock.

BENEFITS:

- No weighing or mixing
- Single component
- Cures in minutes
- Non-solvent 100% solids system
- Can be cured with low intensity black light

PHYSICAL PROPERTIES:

Color	Crystal Clear
Specific Gravity, 25 °C	1.09
Viscosity, 25 °C	1,000 cps
Solids Content	100%
Chemical Class	Epoxy
Hardness, Shore D, UV Cure 7155	70
Hardness, Shore A, UV Cure 7156	95
Tensile Strength, psi	8,800
Dielectric constant @ 60 HZ	3.16
Dissipation @ 60 HZ	.018
Volume Resistivity, Megaohm-cm	1.62 x 10 ⁹
Elongation, %	6.1
UV Wavelength	365nm
Curing with Black Light (PKG994)	15-20 Minutes 1-2 Inches From Bulb

**CURING EQUIPMENT:**

The Black Light Curing Lamp, PKG994, is the ideal lamp to cure these materials. The Lamp is four feet long and six inches wide with a highly polished interior surface providing 100% reflection of the UV light. A photo of the lamp may be viewed on the equipment page of our web site.

STORAGE & HANDLING:

Store out of sunlight in original container. Product shelf life under proper storage conditions is at least six months at temperatures between 40-60 °F.

HYGIENE & SAFETY:

UV Cure 7155™ and 7156™ are mild skin and eye irritants. Prolonged skin contact may cause sensitization. If skin contact occurs, wash with soap and warm water. Eyes should be protected from inadvertent splashes. In case of eye contact, flush immediately with water and seek medical attention. See Safety Data Sheet (SDS) for more details on proper handling and precautions.

AVAILABILITY:

UV Cure 7155™ and 7156™ are available in syringes, Quarts, Gallons, 5 Gallon Pails and 55 Gallon Drums.

IMPORTANT:

EPOXIES, ETC. MAKES NO EXPRESS OR IMPLIED WARRANTIES OR MERCHANTABILITY, FITNESS OR OTHERWISE WITH RESPECT TO ITS PRODUCTS. The information in this brochure is based on data obtained by our own research and is considered reliable. However, no warranty is expressed or implied regarding the accuracy of these data, the results to be obtained from the use thereof, or that any such use will not infringe any patent. The properties given are typical values and are not intended for use in preparing specifications. This information is furnished upon the condition that the person receiving it shall make his own tests to determine the suitability thereof for his particular purpose.

10/13