



Epoxy, Urethane & Silicone Formulations

UV CURE 7165™ FLEXIBLE

HIGH INTENSITY UV CURABLE DOMING RESIN

DESCRIPTION:

UV Cure 7165 is a one component Ultraviolet Curable Resin. This innovative product is water clear, and exhibits superior yellowing resistance. This product has been formulated to cure instantly when exposed to high intensity Ultraviolet Light. UV Cure 7165 has excellent adhesion to a variety of substrates and is therefore suitable for many doming applications.

APPLICATIONS:

UV Cure 7165 can be used as a *decorative ultra clear doming resin* on labels, pins, key fobs, magnets, ceramics, etc.... It's high gloss finish and outstanding clarity will enhance any image it is applied over. This material can also be used as a protective coating due to its ability to resist moisture, chemicals, and thermal shock. UV Cure 7165 is also an excellent choice for bonding applications since it is able to wet out and adhere to most substrates.

BENEFITS:

- * No weighing or mixing. Just expose to UV Light
- * Cures in seconds
- * Non-Solvent 100% solids system
- * Non-Yellowing

PROPERTIES:

Color	Crystal Clear
Durometer, Shore A	87
Viscosity, @ 25° C, cps	1,000
Solids Content	100%
Specific Gravity, @ 25° C	1.09
Flash Point	100°C +
UV Wavelength	250-400 nm
Curing, 2mm	< 10 Seconds @ 10mw/cm ²
3-5mm	30 Seconds @ 10mw/cm ²

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OVER

STORAGE:

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

HYGIENE AND SAFETY:

UV Cure 7165 Resin is a mild skin and eye irritant. 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 OSHA Material Safety Data Sheet for more detail on proper handling and precautions.

AVAILABILITY:

UV Cure 7165 is available in Syringes, Quarts, Gallons, 5 Gallon Pails, and 55 Gallon Drums.

NOTE:

All technical data and information provided are for comparison purposes only. No liability is accepted for any injury, loss, or damage arising directly or indirectly from the use of the product or from the use of information provided in our data sheets, since information given is intended to serve as a guide only. Customers should satisfy themselves by appropriate trials that the product is suitable for their needs.

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