



# UV 60-7180 ULTRA CLEAR UV CURABLE ADHESIVE, COATING, & ENCAPSULANT

## DESCRIPTION:

UV 60-7180 is a one component, UV light curable, clear coating. 60-7180 is water clear and exhibits superior yellowing resistance. This product has been formulated to cure instantly when exposed to high intensity ultraviolet light. 60-7180 has excellent adhesion to a variety of substrates and is therefore suitable as an adhesive and coating candidate, or may be used in small potting applications.

UV 60-7180 may also be used as a **decorative ultra clear doming resin** on labels, pins, key fobs, magnets, etc... Its high gloss finish and outstanding clarity will enhance any image it is applied over.

## FEATURES:

- Water Clear
- One Part
- Low Viscosity
- Cures in Seconds
- 100% Solids (No solvents)
- Low Shrinkage

## TYPICAL SPECIFICATIONS:

Color	Clear
Chemical Class	Aliphatic Urethane Acrylate
Solvent Content	100% Solids, No Solvents
Viscosity, 25°C, cps	800
Durometer, Shore D	65-70
Specific gravity, 25°C	1.1
UV Wavelength	250-400 nm
Curing, 2mm	10 seconds @ 10mw/cm <sup>2</sup>
3-5 mm	30 seconds @ 10mw/cm <sup>2</sup>

## CURE SCHEDULE:

Cure speed is dependent on the UV light source, thickness of material, distance from the light, and the UV transmission of substrates through which the UV light must pass to reach the adhesive.

## STORAGE:

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

**HYGIENE AND SAFETY:**

UV 60-7180 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. Read the Material Safety Data Sheet for more detail on proper handling precautions.

**AVAILABILITY:**

UV 60-7180 is available in Syringes, Quarts, Gallons, 5 Gallon Pails, and 55 Gallon Drums.

**IMPORTANT:**

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08/12