

# 60-7158RTR

## UV Curable Epoxy Adhesive

### DESCRIPTION:

60-7158RTR is a UV Curable Epoxy Adhesive formulated to bond rigid substrates. This adhesive bonds extremely well to aluminum while also providing good water and chemical resistance. 60-7158RTR is a semi-rigid adhesive and it is well suited for bonding rigid substrates. It is thixotropic and will not run once applied to the substrate.

60-7158RTR does not contain any solvents, has little shrinkage and provides a smooth non-sticky surface.

### FEATURES:

- Excellent Adhesion
- No Odor
- Good Water & Chemical Resistance
- Good Surface Cure

### TYPICAL SPECIFICATIONS:

Viscosity, 25°C, cps	20,000
Color	Clear
Hardness, Shore D	82
Operating Temperature Range, °C	-40 to +135
Specific Gravity, 25 °C	1.1
Solids Content, %	100
Thixotropic Index	5.3

Glass Transition Temperature, °C	67
Tensile Strength, psi	3,800
Dielectric Strength, V/mil	425

### CURE SCHEDULE

UV Black Light, 40 watt, minutes	15
UV 100 Spot Cure, seconds	2 - 5
UV Cure Conveyor, seconds	2 - 5
365nm LED Flood Lamp, seconds	>30
1 cm distance, 25 watts	

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

Cure speed may be increased by warming material or substrate. Cure speed may also be increased by IR or conventional thermal oven after UV exposure.

**STORAGE, HANDLING, & SAFETY:**

Store out of sunlight in the original container. The shelf life is at least twelve months in the original sealed container when stored at ambient temperature. Avoid exposing material to moisture, excessive heat or cold.

Low potential for skin and eye irritation or sensitization. Please read the Safety Data Sheet before using this or any other chemical.

**AVAILABILITY:**

60-7158RTR is available in 10cc, 30cc and 55cc syringes, quarts, gallons, and 5-gallon pails.

**IMPORTANT:**

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