



UV CURE 60-7158

UV Curable Epoxy Adhesive

DESCRIPTION:

UV Cure 60-7158 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. UV Cure 60-7158 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.

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

FEATURES:

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

TYPICAL SPECIFICATIONS:

Color	Clear
Viscosity, 25 C, cps	20,000
Thixotropic Index	5.3
Hardness, Shore D	82
Specific gravity, 25 C	1.1
Solids content, %	100
Operating temperature range, C	-40 to +135
Tensile strength, psi	3,800
Dielectric Strength, Volts/mil	425

CURE SCHEDULE

UV Black light, 40 watt, minutes	15
UV 100 Spot Cure, seconds	2 - 5
UV Cure Conveyor, seconds	2 - 5
Optimum wave length, nm	300

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 infrared or conventional thermal oven after UV exposure.



STORAGE & HANDLING:

Store out of sunlight in original container. Product shelf life under proper storage conditions is at least twelve months at temperatures between 40-60 F. Avoid exposing material to moisture.

AVAILABILITY:

UV Cure 60-7158 is available in 10cc, 30cc and 55cc syringes, Quarts, Gallons, 5 Gallon Pails and 55 Gallon Drums.

HYGIENE & SAFETY:

Low potential for skin and eye irritation or sensitization. See OSHA Material Safety Data Sheet for more details on proper handling and precautions.

IMPORTANT:

The information in this brochure is based on data obtained by our own research and is considered accurate. 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. 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.

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