EPOXIES
INNOVATIVE BONDING SOLUTIONS ETC.

TECHNICAL BULLETIN

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
- No Odor
- Good Water & Chemical Resistance
- 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, 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
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 IR or conventional thermal oven after UV exposure.

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STORAGE & HANDLING:

Store out of sunlight in 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.

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 Safety Data Sheet (SDS) for more details on proper handling and precautions.

IMPORTANT:

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