

UV CURE 60-7102

UV Curable Epoxy Hybrid Adhesive and Coating

DESCRIPTION:

UV Cure 60-7102 is a UV Curable Epoxy Hybrid system formulated for bonding, coating, and repair applications. This UV resin bonds extremely well to most substrates while also providing good water and chemical resistance. When used as a coating, UV Cure 60-7102 provides a clear and tough protective finish.

UV Cure 60-7102 does not contain any solvents, has little shrinkage and provides a smooth non-sticky surface. It has a nice self-leveling low viscosity.

FEATURES:

- Excellent Adhesion
- Low Odor
- Good Water & Chemical Resistance
- Good Surface Cure
- Good clarity

TYPICAL SPECIFICATIONS:

Color	Clear
Viscosity, 25°C, cps	200
Hardness, Shore D	75
Specific gravity, 25°C	1.1
Solids content, %	100
Operating temperature range, °C	-40 to +100
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
Sunlight	10-60 minutes depending on temperature and UV light intensity

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:

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 60-7102 is available in 10cc, 30cc and 55cc syringes, Quarts, Gallons, 5 Gallon Pails and 55 Gallon Drums.

HYGIENE & SAFETY:

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

IMPORTANT:

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