



UV Cure 60-7105

UV Curable

Adhesive, Coating & Potting Compound

DESCRIPTION:

UV Cure 60-7105 is a low viscosity urethane adhesive, coating and potting compound. This UV curable resin exhibits outstanding adhesion, toughness, and exterior durability. UV Cure 60-7105 does not contain any solvents and is therefore a 100% solids system. This material is a good choice for deep section curing.

FEATURES:

- * Low viscosity
- * Good toughness
- * Exterior durability
- * Excellent Adhesion to difficult substrates

TYPICAL SPECIFICATIONS:

Color	Clear
Viscosity, 25 C, cps	3,000
Hardness, Shore D	78
Tensile strength, psi	5,000
Elongation at break, %	20
Operating temperature range, C	-50 to +155

ADHESION:

Aluminum	SR
Brass	SR
Copper	SR
Stainless steel	SR
Glass	SR
PVC	SR
Nylon	HR
HDPE	NR
LDPE	SR

SR = Strongly recommended
R = Recommended

HR = Highly recommended
NR = Not recommended

CURE SCHEDULE:

UV Cure 100 Spot Cure, seconds	12
UV Cure Conveyor, seconds	10

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.



STORAGE AND HANDLING:

All UV curable resins should be stored in a dark cool area. Store at temperatures below 30 °C (86 °F). Expected shelf life is one year when stored below 30 °C (86 °F) in the original, unopened container. Refrigerated storage extends shelf life.

CAUTION:

Read Material Safety Data Sheet (MSDS) before using this or any other chemical.

IMPORTANT:

The information in this brochure is based on data obtained by our 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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