

CRL UV601 UV ADHESIVE

CRL UV601 is a 100% solids, UV Adhesive that forms resilient, high strength bonds between materials such as glass, metal, wood, and many plastics. When bonding plastics, always test first, as not all plastics can be bonded properly. Do not bond any coated parts (powder coated or galvanized) with this adhesive. Bonds prepared with CRL UV601 are optically clear and the adhesive cures within seconds upon exposure to ultraviolet light. The speed of cure depends on the UV intensity as measured at the product surface, as well as the adhesive depth. Store adhesive away from sunlight. CRL7528 Cleaner and Degreaser provides optimum adhesion when used to prepare the glass by removing any dirt and grease that is present.

CRL UV ADHESIVES
UV601 Low Viscosity

CRL
PROFESSIONAL QUALITY

UNCURED PROPERTIES

COMPOSITION	Urethanacrylat
VISCOSITY	20 - 100 cps at 25°C (77°F)
APPEARANCE	Transparent
SPECIFIC GRAVITY	1.1 - 1.2 at 25°C (77°F)
FLASH POINT	200°F (93°C)
TOXICITY	Refer to Material Safety Data Sheet
SHELF LIFE	One year

CURED PROPERTIES

DUROMETER	Shore D 70 - 80
WATER ABSORPTION	Less than 2.8% (24 hour immersion)
TEMPERATURE RANGE	-40°C to 125°C (-40°F to 257°F)
REFRACTIVE INDEX	1.501 at 25°C (77°F)

CURING INFORMATION

UV LIGHT:	UV INTENSITY	SUBSTRATES	BOND GAP	TIME TO CURE
	60 mW/cm ²	glass-glass	0.5 - 1 mil	15 seconds

THESE ARE TYPICAL PROPERTIES AND ARE NOT MEANT TO BE PRODUCT SPECIFICATIONS.

Note: The information contained in this data sheet is believed to be reliable. C.R. LAURENCE CO., INC. makes no representation or warranties of any kind concerning this information. It is the user's responsibility to determine the suitability of this product for any intended use. The user assumes all risk and liability connected with the use of this product.

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