

CRL COLORED UV ADHESIVE

CRL Colored UV Adhesives are designed for bonding larger glass surfaces to make decorative colored pieces. Examples would be a mirror with beveled clear glass bonded to the surface, glass sculptures and area dividers. The five different moisture-resistant colors can be used separately or mixed together for a wide range of color effects that are seen through the clear glass overlays. The Clear Base Adhesive is used to dilute the high intensity colors to produce a wide range of color options or to create separations between colors.

CRL UV ADHESIVES
Colored Thin Viscosity

CRL
PROFESSIONAL QUALITY

UNCURED PROPERTIES

VISCOSITY	40 - 80 cps at 25°C (77°F)
RESIN	Modified Urethane
COLORS	Clear, Yellow, Green, Blue, Red, and Black
SPECIFIC GRAVITY	1.1 - 1.2 at 25°C (77°F)
FLASH POINT	93°C (200°F)

CURED PROPERTIES

DUROMETER	Shore D 80 - 90
WATER ABSORPTION	1.2% (24 hour immersion)

CURING INFORMATION

UV LIGHT:	UV INTENSITY	SUBSTRATES	BOND GAP	TIME TO CURE
	35 - 45 mW/cm2	glass-glass	0.5 - 1 mils	20 - 25 seconds for 811 clear

Important Note: Colored adhesives are intended for surface bonding only, and should never be used to bond edges (furniture construction). Due to the high color pigmentation the setting time is three to five times longer than typical clear UV adhesives and **bonds are not as strong**. Hands should be protected from the high color pigments by wearing Disposable Nitrile Gloves.

These color pigment dies are not UV stable. Sunlight will fade the colors over time (the more direct the light, the faster the color will fade), as will too aggressive curing during fabrication.

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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