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# 608 SERIES

UV Curable Sealants

## DESCRIPTION

Rapid curing sealants with good adhesion to metals, plastics and glass. Single component formulations with low viscosity for ease of dispense during potting and coating procedures. Rapidly cures under exposure to high intensity UV energy. Very good resistance to high temperatures and solvents, with moderate flexibility to maintain adhesion to dissimilar materials. Low viscosity allows the products to be dispensed, sprayed or dipped onto surfaces as required. Three versions are available, providing a range of physical properties to suit each application.

## CURE SCHEDULE

Expose to a medium pressure mercury vapor lamp operating at a minimum of 200 watts per inch input power.

Minimum intensity:      25 mW/cm<sup>2</sup> @ 254 nm  
                                   100 mW/cm<sup>2</sup> @ 365 nm

Cure time typically less than 6 seconds, but varies with application thickness and UV intensity.

## STORAGE AND HANDLING

Shelf life is warranted for a minimum of 6 months from date of shipment when stored in its original container in darkness at 50 - 80°F. Avoid contact with skin and eyes as directed on the MSDS.

608 Series sealants are packaged in pint, quart, and gallon containers. Dispensing and spraying equipment should be chosen for compatibility with UV curable materials.

## UNCURED PROPERTIES

Base resin:	acrylic	
Solids:	100 percent, no solvents	
Color:	clear	
Flash point:	>200°F	
Components:	one	
Stringiness:	low, < 0.10 inches	
Viscosity:	608A	110 cps
	608B	120 cps
	608C	130 cps

## CURED PROPERTIES

Hardness:	608A	25 (shore D)
	608B	40 (shore D)
	608C	50 (shore D)
Elongation:	60 - 75 percent, typical	
Temperature Range:	pass, 24 hours 150°C	
Chemical Resistance:	good, resists various solvents for cleaning of electronic components	