

## RITELOK UV FRONT LINE RANGE

GLASS BONDING

INSTANT SURFACE CURING

FILET CURING

POTTING COMPOUNDS

The chemistry of UV polymerization involves the formation of highly cross-linked polymer chains by reacting photoinitiators within the product to UV light of 200-400 nm wavelength. Typical intensities used are 10 mW/cm<sup>2</sup>.

Custom formulations to meet specialized applications are available on request.



# RITE-LOK®



[ THE CHEMISTRY OF EXCELLENCE ]



| PRODUCT       | SIZE (quantity) | ITEM #      | TYPICAL USE  | COLOR | VISCOSITY (cP's) | CURE TIME  | DEPTH OF CURE |
|---------------|-----------------|-------------|--|-------|------------------|------------|---------------|
| <b>UV 175</b> | 50mL (10/case)  | 506233UV02  | Fast curing adhesive for high strength bonding of glass to metal and sealing and coating of emblems. | clear | 2500-4000        | < 1 second | 3-5 mm        |
|               | 250mL (2/case)  | 506011UV02  |  |       |                  |            |               |
|               | 1L (each)       | 506075UV02  |  |       |                  |            |               |
| <b>UV 525</b> | 50mL (10/case)  | 506233UV50  | High shear strength on glass to metal. Used for lead crystal and general glass bonding.              | amber | 7000             | < 1 second | > 2 mm        |
|               | 250mL (2/case)  | 506071UV50  |  |       |                  |            |               |
|               | 1L (each)       | 506075UV50  |  |       |                  |            |               |
| <b>UV 107</b> | 50mL (10/case)  | 506233UV301 | Formulated to provide very high strength on PVC and Polycarbonate.                                   | clear | 300              | < 5 second | 2 mm          |
|               | 250mL (2/case)  | 506071UV301 |  |       |                  |            |               |
|               | 1L (each)       | 506075UV301 |  |       |                  |            |               |
| <b>UV 912</b> | 50mL (10/case)  | 506233UV50  | High shear strength on glass to metal. Used for lead crystal and general glass bonding.              | amber | 7000             | < 1 second | > 2 mm        |
|               | 250mL (2/case)  | 506071UV50  |  |       |                  |            |               |
|               | 1L (each)       | 506075UV50  |  |       |                  |            |               |
| <b>UV 761</b> | 50mL (10/case)  | 506233UV70  | Clear flexible coating. Product is typically used for glazing and photo on the plate applications.   | clear | 1000             | 10 seconds | 3-5 mm        |
|               | 250mL (2/case)  | 506011UV70  |  |       |                  |            |               |
|               | 1L (each)       | 506075UV70  |  |       |                  |            |               |
| <b>UV 63</b>  | 50mL (10/case)  | 506233UV70  | Formulated to produce a low-tack surface, making it suitable for electronics applications.           | clear | 40-50            | 10 seconds | 1.5 mm        |
|               | 1L (each)       | 506011UV70  |  |       |                  |            |               |
| <b>UV 104</b> | 50mL (10/case)  | UV104-50    | Formulated to give a very high strength bond between thermoplastics and metals.                      | clear | 80-110           | 10 seconds | 2 mm          |
|               | 1L (each)       | UV104-L     |  |       |                  |            |               |
| <b>UV 911</b> | 50mL (10/case)  | UV911-50    | Formulated to give a very high strength bond between thermoplastics and metals.                      | clear | 80-110           | 10 seconds | 2 mm          |
|               | 1L (each)       | UV911-L     |  |       |                  |            |               |