

## PRODUCT DESCRIPTION:

**SAF-T-LOK TRI-CURE II UV ADHESIVE** is used for bonding and potting. It cures with UV light sources as well as with heat or activator and thus conforms to specific high viscosity assembly requirements. This high viscosity adhesive provides high tensile strength bonds as well as high impact, peel and fatigue resistance on clear plastic or glass to like materials or to steel, aluminum, nylon, epoxy board, fiberglass, and phenolics.

## PRODUCT CHARACTERISTICS:

<b>Color:</b>	<b>Clear-Amber</b>
Specific Gravity:	1.08 gm/cc
<b>Viscosity:</b>	<b>20,000 cps</b>
Flash Point:	>200°F
<b>Storage Stability:</b>	<b>1 year</b>

## PERFORMANCE CHARACTERISTICS:

<b>UV Cure*:</b>	<b>20 seconds</b>
Temperature Range:	-65°F to +400°F
<b>Tensile Shear:</b>	<b>2,500 psi</b>

\*2-mil gap on glass, 7,000microwatts/cm long wave ultraviolet light (black light)

**UV SOURCE:** Long wave (250-350 nanometers) of at least 7,000microwatts/cm<sup>2</sup> intensity. Speed of cure, and tack free surface are a function of the light used as shown in the above plot. For gaps over .05 inches, a 100,000microwatt/cm<sup>2</sup> light is recommended. Potting depths over .15 inches require multiple applications.

ACTIVATOR may be used to supplement UV cure where this light source is shadowed. Apply **SA Activator** liberally and allow solvent to evaporate. Assemble. Apply UV light to accelerate surface cure.

HEAT cure for 1 hour at 200°F or for 15 minutes at 300°F may prove an advantage for particular applications. UV light and heat may be combined, or heat and activator where heat sinks occur in assembly parts.

**IMPORTANT NOTICE:** All statements and technical data contained herein are based on tests we believe to be reliable, but the accuracy of completeness thereof is not guaranteed. It is recommended that the buyer test this product to determine its suitability for his application before use. **SAF-T-LOK International Corporation** is not responsible for loss, claim or damages resulting from use of its products.

### TECHNICAL SUPPORT

Our technical support team stands ready to assist you with your technical questions regarding your SAF-T-LOK products. On-Site support when necessary within 24 hours.

### PART NUMBERS

30231	50gm
31251	1lb

### TURNKEY SOLUTIONS

As an ISO 9001:2015 certified company, SAF-T-LOK can design or refine products to fit your company's specific needs and requirements.

For more information on any of our products or services please visit us on the Web at:

www.saftlok.com