



# 8690 Staticide® Acrylic Conformal Coating

## Protection Against Electrical Arcing

Acrylic Conformal Coating is ideal for providing insulation against high-voltage arcing and corona shorts. This fast-drying formula is a highly effective, durable acrylic barrier against environmental elements. It is suitable for both rigid and flexible PCBs and electronic assemblies.

The resilient, transparent coating will not fragment, chip, or crack, and provides exceptional acid resistance. Self-healing properties afford protection against nicks and scratches after curing. This ready-to-use formula works well in both hot and cold operating environments.

### Directions:

Shake well. Apply to clean and dry unmasked areas. Spray top to bottom, allowing coating to flow lightly around components. Rotate board 90 degrees and repeat. Open water vessel in drying chamber to accelerate drying.

Cure time: 1.0 mil cures tack-free in 30 minutes.  
Heat cures 8 hours at 170°F (76°C).  
Full cure requires 24 hours.

Following final installation and assembly of new component, recoat area lightly. For industrial use only. Read SDS carefully prior to use.

### Material Compatibility:

ABS	Fair
Buna-N	Good
EPDM	Good
Graphite	Good
HDPE	Good
Kynar™	Fair
LDPE	Good
Lexan™	Fair
Neoprene	Good
Noryl	Good
Nylon™ 66	Good
Cross-linked PE	Good
Polypropylene	Good
Polystyrene	Fair
PVC	Good
Silicone Rubber	Fair
Teflon™	Good
Viton™	Good



### Ideal for the following applications:

- Data communication, engineering, and design equipment
- Pneumatic and hydraulic systems
- Process control, PLCs, instrumentation
- Rigid and flexible PCBs, electrical assemblies

### FEATURES:

- ❖ Operating temperature: -75°F/-59°C to 270°F/132°C
- ❖ Fills holes quickly and easily; self-healing
- ❖ Contains UV indicator for quality control
- ❖ Dielectric strength: 1100 volts/mil thickness
- ❖ Coefficient of thermal expansion (in/in/°C)  $5 \times 10^{-4}$
- ❖ Meets MIL-I-46058C, Type AR
- ❖ Compliant to IPC-CC-830B with Amendment 1
- ❖ RoHS compliant
- ❖ Flammable
- ❖ Made in USA

### Product# 8690

12 oz (340g) aerosol / 12 per case