



## TECHNICAL DATA SHEET

### **C-808 HIGHLY CONDUCTIVE, WATER BASED CARBON COATING**

**C-808 is an antistatic coating for:**

- Paper
- Cardboard
- Wood
- Metal
- Urethane foam
- Most plastic substrates

#### **DESCRIPTION**

- May also be used to saturate urethane foam, making it ideal for shipping static sensitive electronic components, hardware and assemblies
- Urethane foam can be cut or skived into shapes after saturating and drying with C-808, and all surfaces on the cut parts will remain conductive
- Has outstanding adhesion, toughness and flexibility
- Hardness and durability can be increased by adding a small amount of cross-linking agent
- Can be applied by dip, roller coat or spray processes

Applied Ink Solutions also offers a cross linker which can be mixed with C-808 prior to application. This cross linker acts as adhesion promoter to most substrates and enhances the toughness of C-808.

#### ***TYPICAL PROPERTIES***

Appearance	Black liquid
Viscosity- Brookfield DVIII Ultra RV Spindle #2, 100 RPM @25°C	<60 cps
Drying Schedule	Ambient for 2-6 hours -or- 85°C for 30 minutes
Shelf Life	6 months
Total % NV Solids	25% +/-2%
Surface Resistivity	< 30 Ω/square/mil

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Guidelines are intended to provide a starting point for evaluation. Applied Ink Solutions recognizes that each customer's manufacturing process is unique, and we are available to provide technical assistance to resolve your processing issues. Call us to discuss your application in more detail.

The properties are accurate to the best of our knowledge and Applied Ink Solutions makes no guarantees for customer specifications established in applications where this product is used. Customer assumes responsibility for determining fitness of use in their particular application.

## Health & Safety

Products manufactured by Applied Ink Solutions are intended for use in an industrial environment by trained personnel. Please follow proper health/safety processes regarding storage, handling and processing of the products.