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Innovative Chemistry For High-Tech Applications

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C-808

Highly Conductive, Water Based Carbon Coating

C-808 is a unique single component, water based, electrically conductive urethane material. It is highly conductive and an excellent antistatic coating for paper, cardboard, wood, urethane foam and most plastic substrates. It 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. C-808 has outstanding adhesion, toughness and flexibility. The hardness and durability can be increased by adding a small amount of cross-linking agent. C-808 can be applied by dip, roller coat or spray processes.

PROPERTIES

| | |
|-------------------|---|
| Appearance | Black Liquid |
| Viscosity | <60 cps |
| Drying Schedule | Ambient For 2-6 Hours -or- 185° F for 30 Minutes |
| Shelf Life | 6 Months |
| Total % NV Solids | 25% |

PHYSICAL PROPERTIES AFTER CURE (.001" THICK FILM)

| | |
|---------------------|-------------------|
| Surface Resistivity | < 50 Ω/Square/Mil |
|---------------------|-------------------|

Conductive Compounds, Inc. also offers a X-link material, which can be mixed with C-808 prior to application. This X-link material acts as adhesion promoter to most substrates, and enhances the toughness of C-808

NOTE: Although the above properties are accurate to the best of our knowledge, Conductive Compounds, Inc. 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.