

SHIELDING PAINTS

CUPRO-COTE®

Water-Based High-Conductivity Shielding Coating

This is a sprayable, brushable, or rollable conductive metallic coating using a specially formulated copper as the conductive agent for superior performance in electric field and RF shielding.

Attenuation: more than 75 dB from 30 MHz to 1.5 GHz.

Developed initially as an RFI/EMI shield for **plastic** electronic housings, it can be applied directly to acrylic, ABS and structural foams, as well as solvent sensitive materials such as polycarbonate and polystyrene. Can also be applied to other non-porous surfaces including primed **wall-board**, **wood** and **metals**. Can be applied by sprayer, brush or roller just like ordinary latex paint! Just as safe to handle, too. Thin with water.



Amazing low surface resistivity makes this great for coating non-conductive surfaces prior to electroplating. Covers 670 ft² per gallon per mil thickness if application is 100% efficient (typically 400 ft² per gal. when applied by roller). Can be used indoors or out, but topcoat with a weather protective paint if the material will be exposed to the elements. Color is Glitter Mocha, but you can paint over with ordinary latex paint to achieve desired aesthetics. Dried coating is stable up to 250°F. Requires grounding like any other RF shielding material. Warning: CuPro-Cote liquid does not tolerate freeze/thaw well. We cannot be

responsible for freeze damage during shipping. RoHS Compliant.

CuPro-Cote® :

(Cat. #R292-5G) ... \$2707.50/5 gal
(Cat. #R292-G) \$579.95/1 gal

(Cat. #R292-Q) \$189.95/1 qt
(Cat. #R292-4) \$29.95 /4 oz



ELECTRIC PAINT AND ADHESIVE

Great Way to Connect Leads to a Conductive Fabric

Working without alligator clips or snaps? This nontoxic, solvent free and water soluble material spreads easily and dries quickly to form a conductive bond between most surfaces. Just squeeze a little bit onto your fabric, embed the bare copper wire lead into it and wait about an hour. It adheres well to a wide range of synthetic and natural fabrics. Note that

Electric Paint is water soluble, washing with soap and water will remove any paint which has been applied. If you want to make it more durable, you can use waterproofing spray to protect the surface of the fabric. Use it to make conductive traces, repair circuit boards, even make smart textiles!

The paint's conductive properties do not degrade over time. In-house samples demonstrate that the material can last years if treated properly and kept dry. Electric Paint is well suited for screen-printing with meshes ranging from 43t to 90t. The paint is slightly resistive- at approximately 55 ohms per square. The conductivity of Electric Paint increases as it dries, therefore wait until it is completely dry to test your projects. 10ml squeeze tube. Black.

Electric Paint (Cat. #R701) \$12.95

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