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Conductive Coating- Pro (copper base).

PN: CCP-1014

Conductive Coating Pro is silver-coated copper conductive coating for use on plastic substrates. (ABS, PC, Polyurethane and more…) Anti-static protection.
It provides effective shielding (EMI) at less than 1.0 mil (25 microns) dry film thickness. The dried conductive film is extremely hard, tough and durable.(No loose particles)
It designed for a fast drying desirable in high volume production.

Product Benefits:

- Percent Solids is about 31% by weight
- A nominal dry film thickness of 25 micron recommended.
- Theoretical coverage: 4.5 sq./met per liter.
- Theoretical weight 70g/sq.met.
- Drying time: 20- 40 minutes. Full Drying time: 24 hours.
- Allow coating to dry 10-20 minutes, between coats.
- Surface Resistance (coating) is less than 0.015-Ohm square probe.
- Color: bronze.
- Shelf life: 12 months.
- One component, ready to use with simple mixing, easy to apply with standard spray paint Equipment.
- Test adhesion **ASTM D-3359-97 X cut**.
- REACH and RoHS compliant.
- No change after 7 days expose 90º C

The coating is not getting Spots if it is in contact with hands.

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Containers Size:	Aerosols (400cc)	CCP-1014-0.1
	Tins (1 liter/1.05KG)	CCP-1014-1
	Tins (4 liter/4.2 KG)	CCP-1014-4
	Tins (17 liter/17.85 KG)	CCP-1014-17

Recommended Application:

The substrate surface should be clean, dry and free of oils, dirt and lint.
Mix the material well until all solids are in a homogeneous suspension and no unmixed paint remains on the bottom of the container.
Standard thinning is **MEK** at 1:4 ratios. Viscosity for application 20±2 ford cup 4.
If higher mechanical propertis needed can be add 5% hardener 720/C.
******If the substrate is Polycarbonate or other sensitive material for organic solvent use Ethyl Alcohol !!!**
Use a standard air gun with approximately 2-4 bar, with an orifice diameter 1.6-1.8 mm.
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Comments:
The user, through its own analysis and testing, is solely responsible for making the final selection of the system and components and assuring that all performance, endurance, maintenance, safely and warning requirements of the application are met. The user must analyze all aspects of the application, follow applicable industry standards, and follow the information concerning the product in the current product catalog and M.S.D information. **Keep out from children and fire.**