



Cost-effective solution for EMI shielding and grounding

DESCRIPTION

- Cost effective method of EMI shielding and grounding
- Single component
- Ready to use
- Flexible and ease of use - application by brush and spray gun
- Faster curing and better surface resistivity*

APPLICATION

- Plastic surfaces
- Electronic enclosures

TECHNICAL SPECIFICATION:

Parameter	Specification
No of Components	One
Filler	Ag
Colour	Gray
Consistency	Thin paint
Surface Resistivity	1 - 2 ohms/sq.
Pot life at RT	5 - 10 Min.
Shelf life	6 Months (unopened container)
Temperature Range [°C]	-40°C to +160°C
Storage Temperature	10°C to 30°C

Safety Instructions:

1. Use Conductive paint in a well ventilated area.
2. Do not use near open flame.
3. Industrial use only.

Surface Preparation and usage instructions

Remove all dirt, grease, oil and other foreign material on the surface where conductive paint shall be applied. The recommended cleaning agent is alcohol. Since the paint is very quick drying, always keep the lid in its position when not used. Stir the paint bottle well before use. When the paint is to be applied, take only required quantity of the paint in another cup and immediately close the lid of the paint bottle. Utilize the complete paint soon after taking it into the cup.

PRODUCT USAGE

SSDP Conductive Paint filled with Conductive Silver is suitable for usage on Plastic surfaces and other electronic enclosures susceptible to Electromagnetic Interference.

Paint application

- The paint can be applied by using brush as well as spray gun
- Paint layer thickness when applied using brush should be around 50 micron
- Apply 2 layers on the surface for optimum results

*Faster curing and better surface resistivity

- Cures at room temperature ($27^{\circ}\text{C} \pm 3^{\circ}\text{C}$, 60% \pm 10% RH)
- For faster curing and better surface resistivity - we recommend curing at an elevated temperature of around 50°C
- Curing at 50°C can be done by blowing hot air onto the painted surface with minimum speed using dryer