

## Silver Conductive Paint

Product Code: SCP

### PRODUCT DESCRIPTION

**Silver Conductive Paint, SCP**, provides a thin, smooth, adherent, flexible film of high electrical conductivity on a wide range of substrates, including plastics, paper, wood, textiles, glass, ceramics and metals. It can be applied by brushing, spraying, dipping, or a pencil and will dry at room temperature.

### PRODUCT USE

PCB design and repair, repairing heated rear window-screens, mark sensing e.g. on recording tapes, screening plastic housings against high frequency fields, earthing strips, leading off primary electrons in scanning microscopy, connections to non-solderable surfaces, electroplating pre-coats, contact surfaces, potentiometer tracks, etc.

### FEATURES

- \* Thin film only required, making **SCP** economic in use.
- \* Good electrical conductivity and low surface resistivity.
- \* Excellent adhesion to wide range of materials.
- \* Cures at room temperature.

### TYPICAL PROPERTIES

Dispersed Solid:	Grey Liquid
Carrier:	Solvent Blend
Consistency:	Creamy
Specific Gravity @ 20°C:	1.71
Surface Resistance @ 0.6 to 2 g/100cm <sup>2</sup>	0.01 to 0.03 Ohms/sq
Electrical Rating:	0.1 to 1 W/cm <sup>2</sup>
Drying time @ 20°C:	10 minutes
Temperature Range:	-80°C to +125°C
Flash Point:	-18°C

TECHNICAL  
DATA  
SHEET



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### DIRECTIONS FOR USE

Shake or stir the product thoroughly before use. Ensure surface to be coated is clean, dry and free from oil, grease or dirt. Replace cap securely after use to avoid evaporation of the solvents. **Use Electrolube Clear Protective Lacquer** after application to prevent oxidation or formation of silver compounds and to prevent mechanical damage.

### PACKAGING

3 Gram Bottle  
26 Gram Bottle

### ORDER CODE

SCP03B  
SCP26G

### TECHNICAL DATA SHEET



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