

Technical Data Sheet



PRODUCT DESCRIPTION:	Silver Conductive Paint	DATE:	03/97
PRODUCT CODE:	SCP	PAGES:	1

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.

APPLICATION

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.

SCP can be baked at 150°C if greater adhesion is required.

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 ²	0.01 to 0.03 Ohms/sq ²
Electrical Rating:	0.1 to 1 W/cm ²
Drying time @ 20°C:	10 minutes
Temperature Range:	-80°C to +125°C
Flash Point:	-18°C

PACKAGING

3 Gram Bottle
26 Gram Bottle

PRODUCT CODE

SCP03B
SCP26G

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