PRODUCT INFORMATION SHEET

C2030812P3
Silver/Silver Chloride Paste 60:40

PRODUCT DESCRIPTION
Silver/Silver Chloride Paste has a ratio of Silver to Silver Chloride of 60/40.

Product Benefits
Applications in Medical Diagnostics, Environmental Sensor and the ‘Agri-Food’ Industries.

PROCESSING
Screen Printing Equipment
Semi-Automatic, manual

Ink Screen Life
>3 hours

Screen Types
Polyester, mesh 156 to 230 tpi
Note: Stainless Steel mesh is not recommended since a paste component can become corrosive in the presence of moisture. Also, plastic palette knives should be used instead of metal knives.

Typical Drying Conditions
Dry at 60°C for 30minutes or 80°C for 10minutes in a box oven.

Clean Up Solvent
Ethoxy Propanol

Substrate
Polyester, PVC, Polycarbonate or ceramic.

Storage
The product should be kept sealed, in its container, and stored at room temperature (20°C)

Shelf Life
In a sealed container, stored correctly, the shelf life is minimum 3 months from despatch.

PHYSICAL PROPERTIES

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
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</thead>
<tbody>
<tr>
<td>Solids Content at 130°C</td>
<td>81.14 - 83.14 %</td>
</tr>
<tr>
<td>Viscosity</td>
<td>3.5 - 7.0 Pa s</td>
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<tr>
<td>Coverage</td>
<td>Typical - 130 cm² per g</td>
</tr>
<tr>
<td>Sheet Resistivity</td>
<td>≤ 5 Ohms/square @ 25µm</td>
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<tr>
<td>Cured Thickness</td>
<td>Typical—16microns</td>
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<tr>
<td>Specific Gravity</td>
<td>2.95 g/cm³</td>
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</tbody>
</table>

SAFETY AND HANDLING

These pastes are intended for industrial use by trained personnel. It is important for workers to avoid overexposure to chemicals contained in these products.

Read the Material Safety Data Sheet (MSDS) and product labels before using the products.

Keep product container closed when not in use to prevent solvent evaporation and spilling hazard.

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