PRODUCT INFORMATION SHEET

C2000218P5
Silver/Silver Chloride Paste 90:10

PRODUCT DESCRIPTION
Silver/Silver Chloride Paste has a ratio of Silver to Silver Chloride of 90/10. It is specifically designed to give good adhesion to ceramic substrates.

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
   Stainless steel, polyester, mesh 156-230tpi
   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 30 minutes or 80°C for 10 minutes in a box oven.

Clean Up Solvent
   Ethoxy Propanol

Substrate
   Ceramic

Storage
   The product should be kept sealed, in its original temperature between 15°C to 25°C

Shelf Life
   In a sealed container, stored correctly, the shelf life is minimum 6 months from despatch.

PHYSICAL PROPERTIES

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
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</thead>
<tbody>
<tr>
<td>Solids Content</td>
<td>76.5-78.5 %</td>
</tr>
<tr>
<td>Viscosity</td>
<td>13.5 – 16.0 Pa s</td>
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<tr>
<td></td>
<td>5.0 – 9.0 Pa s</td>
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<tr>
<td>Coverage</td>
<td>88 cm² per g</td>
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<tr>
<td>Sheet Resistivity</td>
<td>200mΩ/square @ 25μm</td>
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<tr>
<td>Cured Thickness</td>
<td>Typical 17 microns</td>
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</tbody>
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SAFETY AND HANDLING
These inks 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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