PRODUCT INFORMATION SHEET

Silver Platinum Paste 80:20

PRODUCT DESCRIPTION
This product has been designed as a Silver platinum paste suitable for high temperature firing applications on to electro-ceramic substrates. It is suitable for wire bonding. This product is in a ready to use form at a viscosity suitable for automatic or semi-automatic screen printing.

Product Benefits
This paste is suitable for wire bonding.

PROCESSING

Screen Printing Equipment
Semi-Automatic, manual

Ink Screen Life
>3 hours

Screen Types
Stainless steel, polyester 230 - 325 tpi polyester or stainless steel.

Typical Drying Conditions
Dry at 150°C for 10 minutes in a box oven.

Typical Firing Conditions
800 – 850°C with a dwell time of 10 -30 minutes.

Clean Up Solvent
Ethoxy Propanol

Substrate
Electro-ceramic or ceramic substrates.

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

PHYSICAL PROPERTIES

<table>
<thead>
<tr>
<th>Solids Content at 700°C</th>
<th>76.0 -77.0%</th>
</tr>
</thead>
<tbody>
<tr>
<td>Viscosity Haake RS1 C20/2º TiL at 230 sec⁻¹ at 25°C.</td>
<td>18.0 - 25 Pa s</td>
</tr>
<tr>
<td>Coverage Using a 230 mesh stainless steel screen</td>
<td>Not Available</td>
</tr>
</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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