IP9036A is a Pb, Cd and Ni free with green color for optimum laser trim characteristics. IP9036A was developed for large area printing and chip resistor applications where excellent resistance to plating solutions is needed. IP9036A is compatible with C8727, C8729 and other Heraeus conductors and the R8900 series resistors.

**Key Benefits**
- REACH and ROHS compliant
- Minimizes resistance shift on refire
- Excellent plating solution resistance
- Pinhole free
- Single coat application

**Typical Properties**

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Coverage</td>
<td>160 cm$^2$/g at 10 µm fired film thickness</td>
</tr>
<tr>
<td>Viscosity</td>
<td>60 – 120 Kcps, Brookfield HBT, SC4-14 spindle and 6R utility cup at 10 rpm, 25 ºC</td>
</tr>
<tr>
<td>Solids</td>
<td>79.0 ± 1.0 %</td>
</tr>
</tbody>
</table>

**Recommended Processing Guidelines**

**Printing**
- 280 mesh stainless steel screen
- 0.5 mil emulsion
- 1.1 mil wire

**Drying**
- Allow to level for 10 minutes before drying
- 150 ºC for 10 minutes

**Firing**
- 600 - 620 ºC peak temperature
- Dwell time of 4 – 6 minutes

**Thickness**
- Dried: 20 – 22 µm
- Fired: 8 – 12 µm

**Thinner**
- RV-507

**Warranty**
- Material guaranteed to meet specifications for 6 months from date of shipment.

**Storage**
- Store in a dry location at 5 – 25 ºC.
- **DO NOT REFRIGERATE.**
- Allow paste to come to room temperature prior to opening. Spatulate well before using, as settling may occur during storage.
Technical Data Sheet

Resistor Overglaze (Green)

Legend:

1) REACH compliant according to the latest ** Annex XIV to Regulation (EC) of the European Parliament and of the council on the Registration, Evaluation, Authorisation and Restriction of Chemicals ("REACH") by European Chemicals Agency and its subsequent amendments; the material does not contain any substance listed in Annex XIV.

2) RoHS compliant according to the latest ** Directives (European Union) of Restriction of Hazardous Substances ("RoHS") and its subsequent amendments (including the exceptions related to Pb)

* See the data sheet issue date (DD/MM/YY) as reference of validity of latest edition which is available on request.