

## Resinates

### MR 7801-P



### Platinum Resinate Powder / DPIS\*

\* Development Product Information Sheet

#### Description

MR 7801-P is a precious metal product. It contains platinum in form of an organo-metallic compound.

#### Key Benefits

- Additive for thick film pastes and also for organo-metallic pastes
- Free of lead, cadmium and nickel
- REACH <sup>1</sup> and RoHS <sup>2</sup> compliant

#### Processing

1. When stored in a refrigerator allow product to come to room temperature prior to opening to avoid condensation.
2. The product is soluble in aromatic hydrocarbons higher alcohols (e.g. Terpeneol), esters and ketones (e.g. Cyclohexanone) except lower alcohols, esters and ketons. Insoluble in aliphatic hydrocarbons, lower alcohols and esters.

#### Typical Properties (Powder)

Form:	Dark brown powder
Chem. Characterization:	Platinum sulforesinate
Metal Content <sup>3</sup> :	35.5 ± 2.5 % Pt
Calcinated Residue:	Corresponds to metal content
Shelf Life:	12 months from date of shipment with correct storage (in a dry, cool (5 - 25 °C) and dark place with the container tightly shut).

#### Thinner

HVS 100  
Cyclohexanone

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- 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)
- 3 Ash content measurement method: A balance with five digits after point is used. Between 0.5 – 1.0 g of material are weighted in a porcelain crucible (three porcelain crucibles are used). Thereafter cover with a small piece of ash free filter paper and fire in an electric kiln. Heating profile as follows:  
Heating up to 300 °C in 60 minutes, than heating up to 800 °C in 15 minutes and hold this temperature 15 minutes long. Subsequently cool down naturally. Weight the residues and calculate the percentages. Any change of the b. m. parameters will induce different results.

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

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