

## Resinates

### MR 2811-L



### Nickel Resinate Solution / DPIS\*

\* Development Product Information Sheet

#### Description

MR 2811-L contains nickel in form of dissolved organo-metallic compound.

#### Key Benefits

- Suitable to use as additive for thick film and organo-metallic pastes
- Free of lead and cadmium
- Free of phthalate
- 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 solution is miscible with aromatic and aliphatic hydrocarbons, ketones, esters and higher alcohols, but not miscible with lower alcohols.

#### Thinner:

HVS 100  
Toluene  
Cyclohexanone

#### Typical Properties (Solution)

Form:	Green liquid
Viscosity:	Not determined
Chem. Characterization:	Nickel carboxylate in a mixture of organic solvents
Metal Content <sup>3</sup> :	2.4 ± 0.2 % Ni
Calcinated Residue:	3.0 ± 0.2 % NiO
Coverage:	Not applicable
Shelf Life:	6 months from date of shipment with correct storage (in a dry, cool (5 – 25 °C) and dark place with container tightly shut)

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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 Inductively coupled plasma optical emission spectrometry (ICP-OES), also referred to as Inductively coupled plasma atomic emission spectroscopy (ICP-AES), is an analytical technique used for the detection of trace metals.

\*\* 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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