

RESINAT AG R2/321-21% H



Silver Resinate Solution / DPIS*

* Development Product Information Sheet

Description

RESINAT AG R2/321-21% H is a liquid precious metal solution and it contains silver in form of dissolved organo-metallic compound.

Key Benefits

- Suitable to use as additive to metallization products
- Free of lead, cadmium and nickel
- Free of phthalate
- REACH ¹ and RoHS ² compliant

Typical Properties (Solution)

Form:	Liquid solution (dark brown to black)
Viscosity:	20 - 800 mPas (20 °C, D = 50 sec ⁻¹)
Silver Content:	20.75 ± 1.6 %
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)

Processing

1. Do not spatulate or shake prior to processing. Material can build some deposit which will not dissolve, especially after a long period storage - this can cause defects after firing.

When stored in a refrigerator allow solution to come to room temperature prior to opening, to avoid condensation.

2. The solution is miscible with aromatic hydrocarbons, essential oils, alcohols, esters and ketones (e.g. cyclohexanone).
3. During firing well ventilation is required due to release of minor quantities of sulfur dioxides and organic sulfur compounds

Thinner

Cyclohexanone
Toluene



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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)

** 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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