

## 1895 PASTE COLORANTI AL SOLVENTE

Solvent-based tinting paste



### Description and Use

Our 17- and 24-component tinting systems consist of solvent pigment dispersions (pastes) for professional use based on organic and inorganic pigments. The tinting systems also consist of 6 auxiliary pastes.

### Creating coloured products using the paint mixing system

The user, when making coloured products using the ADVANCE HT Paint Mixing System, must verify that the colours comply with the colour chart.

Users are asked to always test a sample of the chosen colour before proceeding with production, for the dual purpose of verifying compliance of the colour with the colour chart and coverage of the product once applied. Consequently, IMPA S.p.A. is not liable for any claims by users regarding differences in the resulting colour.

### Procedure

#### Automatic electronic paint mixers:

Before pouring the paste into the paint mixing drum, it is good practice to stir it thoroughly for a few minutes using a special spatula. Alternatively, the mixer can be used for 30-60 seconds to make the colouring paste uniform, taking care to let the paste degas after shaking. If necessary, bleed the circuit.

#### Manual weight-based paint mixers:

Open the jar, stir with spatula and insert the propeller with dosing lid. For high-density pastes, it is recommended to stir the colouring paste using the mixer until uniform for up to 60 seconds.

#### Use of S RP - Resin for paste:

Resin for paste should be used when, using a scale to one decimal place, the system warns that the manual weighing being displayed is below the set limit: these are small weighings that could lead to inaccurate dye dispensing. To avoid these accuracy errors, the system will indicate the use of S RP – Resin for paste.

In this case, a 1/10 dilution of the required component is prepared by adding 100 g of the critical dosage paste to the 0.90 kg preweighed S RP - Resin for paste, code 0000. A new coloured paste diluted to 10 % is then obtained. At this point the system will indicate the dosage to be carried out with the new prepared paste (10 times higher than the original).

### Storage life

Keep container tightly closed in a cool, well-ventilated place, away from heat. Keep away from open flames, sparks and sources of heat. Avoid direct exposure to sunlight. Recommended temperature: for storage 5-35°C, for use 15-25°C. If stored in a suitable environment, in its original closed packaging, the material has a shelf life as shown in table.

Check the product's shelf life by referring to the production lot shown on the packaging. The lot number comprises of eight numeric characters in which the first four digits identify the year and month of production. Once the product has expired, it must be disposed of in accordance with current legislation.

## Quality

The colouring pastes undergo accurate and continuous checks in our laboratories. The raw materials used are rigorously selected and controlled.

## Technical features

NAME	TYPE OF PIGMENT	SPECIFIC WEIGHT	CODE	EXPIRY
S RP – Resin for paste	/	approx. 1.05 Kg/l	1895000	24 months
S NT - Neutral Paste	inorganic	approx. 2.03 Kg/l	18950002	24 months
S EO - Matte Paste	/	approx. 1.00 Kg/l	18950004	24 months
S ET - Texturising Paste	/	approx. 0.92 Kg/l	18950005	24 months
S BO - White Paste	inorganic	approx. 2.01 Kg/l	18951300	24 months
S MF - Pasta Alluminio Grana Fine <sup>1</sup>	inorganic	approx. 1.10 Kg/l	18953790	12 months
S MG - Pasta Alluminio Grana Grossa <sup>1</sup>	inorganic	approx. 1.08 Kg/l	18953791	12 months
S MM - Pasta Alluminio Grana Media <sup>1</sup>	inorganic	approx. 1.08 Kg/l	18953792	12 months
S NP - Deep Black Paste	organic	approx. 1.06 Kg/l	18953887	24 months
S N - Black Paste For Tinting	organic	approx. 1.58 Kg/l	18953900	24 months
S GO - Ochre Yellow Paste	inorganic	approx. 1.70 Kg/l	18954310	24 months
S GC - Canary Yellow Paste	organic	approx. 1.50 Kg/l	18954362	24 months
S GM - Corn Yellow Paste	organic	approx. 1.45 Kg/l	18954370	24 months
S GL - Pasta Giallo Girasole LS <sup>2</sup>	organic	approx. 1.07 Kg/l	18954402	12 months
S A - Blood Orange Paste	organic	approx. 1.50 Kg/l	18956040	24 months
S RL - Pasta Rosso Rubino LS <sup>2</sup>	organic	approx. 1.48 Kg/l	18957258	12 months
S RV - Vermilion Red Paste	organic	approx. 1.39 Kg/l	18957270	24 months
S VT - Purple Paste	organic	approx. 1.34 Kg/l	18957313	24 months
S M - Magenta Paste	organic	approx. 1.05 Kg/l	18957347	24 months
S RO - Oxide Red Paste	inorganic	approx. 2.05 Kg/l	18957366	24 months
S RA - Amaranth Red Paste	organic	approx. 1.47 Kg/l	18957402	24 months
S V - Phthalo Green Paste	organic	approx. 1.12 Kg/l	18958160	24 months
S B - Phthalo Blue Paste	organic	approx. 1.08 Kg/l	18959222	24 months
S GH – Yellow HP Paste	organic	ca. 1.15 Kg/l	18954527	24 months
S GE – Citron Yellow Paste	inorganic	ca. 1.86 Kg/l	18954528	24 months
S GT – Transparent ochre yellow paste	inorganic	approx. 1.41 Kg/l	18954533	24 months
S GA – Orange-yellow paste	inorganic	approx. 1.70 Kg/l	18954526	24 months
S AP – Pure Orange Paste	organic	approx. 1.08 Kg/l	18956211	24 months
S RH – Fire-red HP paste	organic	approx. 1.34 Kg/l	18957642	24 months
S RT – Transparent oxide red paste	inorganic	ca. 1.40 Kg/l	18957660	24 months
S RS – Scarlet red paste	organic	ca. 1.18 Kg/l	18957661	24 months
S RC – Carmine red paste	organic	approx. 1.12 Kg/l	18957662	24 months
S BV – Violet Blue	organic	approx. 1.08 Kg/l	18959302	24 months

<sup>1</sup> For use with epoxy products, contact the paint mixing service. With aluminium pastes, gas may form inside the container: take care when opening.

<sup>2</sup> These pastes are not recommended for use with epoxy products.

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## Warnings

- Product for professional use.
- Product to be used with adequate personal protective equipment. Always check the safety datasheet for correct handling and storage.
- The ambient temperature must be between + 5 and 35°C.
- The recipient/product must be disposed of in accordance with national laws.
- The information provided on this technical datasheet is based on our technical and practical knowledge and experience. The technical data refer to the average characteristics of the basic product and are determined under controlled laboratory conditions. The variability of the natural raw materials available on the market and the tinting of the product can lead to slight deviations in the declared values, in the colour and in the aesthetic effects obtained. It is therefore necessary for the purchaser/user to personally verify, before application, the suitability of the product for the intended use, in particular when different batch numbers of the same material are used in the same work/site.
- For the purposes of compliance with VOC quantities in paints and coatings defined in Directive 2004/42/EC, the quantity of colouring paste specified in the paint mixing machine formulas must not be exceeded.
- If in doubt about the use of colouring pastes, contact our paint mixing service ([assistenza.technica@impa.it](mailto:assistenza.technica@impa.it)).
- Images and graphic representations are purely indicative. The product characteristics and qualities indicated in the technical data sheet remain unchanged regardless of the external appearance of the container.

The above mentioned data are meant to facilitate our customers in the use of our products. IMPA is not responsible for applications of products carried out beyond its direct control. For further technical information about specific systems and/or special applications, please contact our TECHNICAL SERVICE at [assistenza.technica@impa.it](mailto:assistenza.technica@impa.it).