


Technical Product Information			
ROTOVARIO 501-Series			
Article-No.: 026596...	Product Name: 501 023 Silver	Article-No.: .026684...	Product Name: 501 033 Silver
REVISION: 0	EDITION: FEBRUARY 2022	IDENT-NO.: 00547.E	PAGE 1 OF 2

Product description:

ROTOVARIO 501 series are resin free non-leafing aluminium pigments, pasted in ethyl acetate

These products have not been especially developed for the formulation of inks for the production of packaging for food, beverages and tobacco. Due to our production processes for these products, we cannot guarantee necessary measures for FCM (Food Contact Materials), such as special raw material selection, control of raw materials and end products regarding composition and impurities or production according to GMP. A SoC is therefore not available for these products. When using these products in indirect food contact, the suitability for this application has to be tested before commercial use by the user through suitable analyses.

Application:

ROTOVARIO 501 pigment paste series is suitable to formulate solvent based gravure, flexo and screen printing inks.

As with all metallic inks the substrate has an influence on the final result. Very absorbent or uneven substrates often cause poor pigment orientation resulting in inferior brilliance. In some cases, the use of primers to improve the substrate surface is advantageous.

Product properties:

Rub resistance and lamination properties:

The ROTOVARIO 501 series is based on non-leafing pigments, suitable for the formulation of rub resistant inks. In each respective case, tests are necessary because of the multiple factors influencing the final result.

Optimum colour consistency in polychromatic colours.

Additional product properties:

ROTOVARIO	Pigment size (D ₅₀)	Pigment content	Solid content	Ethyl Acetate
501 023	appr. 6 µm	appr. 65 %	appr. 65 %	appr. 35 %
501 033	appr. 9 µm			

For specifications of our products, please refer to the technical data sheet.

Optical properties:

Handling:

The ROTOVARIO 501 023 and 501 033 are pigment pastes optimised for highest coverage. The concentrates can be stirred directly into a solvent based binder system by using low shear stress aggregates.

Metallic inks tend to settle because of the high specific gravity of the pigment. This is normal and not due to a lack of quality. The

inks can be easily stirred up and homogenised again. This should be done before viscosity is checked. No pigment settling should be left on the bottom of the container.


Please refer to the Safety Data sheet of ROTOVARIO 501 for further handling guidelines.

Storage and transportation:

All ROTOVARIO types should be stored at temperatures below 25°C. High temperatures as well as very low temperatures should be avoided as these conditions could damage the product.

Keep drums tightly sealed when not in use and avoid unnecessary opening. Solvent might evaporate. A drying of the paste will result in non-dispersible agglomerates.

Shelf life: 12 months

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