


<b>Technical Product Information</b>			
<b>ROTOVARIO 530 944</b>			
<b>Article-No.:</b> 053608...		<b>Product Name:</b> ROTOVARIO 530 944	
<b>REVISION:</b> 1	<b>EDITION:</b> JUNE 2021	<b>IDENT-No.:</b> 00378.E	<b>PAGE</b> 1 OF 2

### Product description:

ROTOVARIO 530 944 represents a non-leafing aluminium pigment, pasted in ethyl acetate.

To formulate inks with optimized rub resistance and lamination properties the ROTOVARIO 500 series is recommended.

This product has 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 this product, 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 this product.

When using this product in indirect food contact, the suitability for this application has to be tested before commercial use by the user through suitable analyses.

### Application:

ROTOVARIO 530 944 pigment paste 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:

ROTOVARIO 530 944 silver is based on non-leafing pigments, suitable for the formulation of rub resistant inks. In each respective case, special tests are necessary because of the multiple factors influencing the final result.

#### Additional product properties:

ROTOVARIO	530 944
<b>Pigment content</b>	appr. 65%
<b>Solid content</b>	appr. 65%
<b>Pigment size (D50)</b>	appr. 10 µm

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

### Handling:

The ROTOVARIO 530 944 is a pigment paste, optimised for high metallic effects. The concentrate 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 530 944 for further handling guidelines.

#### Guiding formulations:

The suggested starting formulation is an example intended for general guidance only and do not represent the optimum result for any specific application.

#### Gravure printing ink with NC binder for absorbent substrates

ROTOVARIO 530 944	35 %
NC Chips	17 %
SAIB	5 %
Ethanol	24 %
Ethyl Acetate	18 %
Wax dispersion	1 %
Σ	100 %

Solve the NC resin in solvent. Homogenize the ROTOVARIO in solvent, add NC resin solution and stir. The viscosity should be around 16 - 22 seconds DIN4 cup.

### 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.

**Shelf life:** 6 months


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The data on this technical information sheet correspond with the current status of our knowledge and experience. The liability for the application and processing of our products lies with the buyer, and he is also responsible for observing any third party

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