

<b>Technical Product Information</b>		 <b>ECKART</b> Effect Pigments
<b>ROTOVARIO 532 series</b>		
<b>Article-No.:</b> 053389...M1 053392...M1	<b>Product Name:</b> ROTOVARIO 532 501 ROTOVARIO 532 504	

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### Product description:

ROTOVARIO 532 series represents a portfolio of non-leafing Aluminium pigments, pasted with Normal Propyl Acetate. These Silverdollar pigment pastes are available in various pigment particle sizes in the range of 11-12 µm (d<sub>50</sub>).

These products have not been especially developed for the formulation of inks for the production of packaging for food, beverages and tobacco. Therefore suitability for this application has to be tested before commercial use (e.g. via migration testing or risk analysis) and can not be guaranteed by ECKART.

### Application:

ROTOVARIO 532 series Aluminium pastes are 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.

Suitable and designed for Toluene-free and MEK-free ink formulations.

### Product properties:

#### Rub resistance and lamination properties:

ROTOVARIO 532 Aluminium pastes are 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.

- Optimized colour consistency in polychromatic inks
- Improved adhesion performance on many film substrates
- Very low residue of aliphatic/aromatic solvents (max. 0,1 %)
- Free of Toluene and Ketones

### Additional product properties / typical values

ROTOVARIO	Particle size distribution in µm (D <sub>50</sub> ) <sup>1</sup>	Pigment content in %	Solid content in %	Solvent
532 501	11,5	appr. 68	68 - 71	Normal Propyl Acetate
532 504	12,0	appr. 63	63 - 67	Normal Propyl Acetate

<sup>1</sup> typical value

### Optical properties / Characterization

ROTOVARIO	Brilliance	Coverage	Characteristics
532 501	+	+	bright standard
532 504	+++	++	Excellent brightness very whitish effect

### Handling:

The ROTOVARIO 532 series pigment pastes are optimised for highly brilliant metallic effects. The concentrates can be stirred directly into 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 532 series for further handling guidelines.

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**Storage and transportation:**

All ROTOVARIO 532 Aluminium pastes 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:** 24 months

For further information or samples, please contact:

ECKART GmbH  
Güntersthal 4  
91235 Hartenstein  
Germany

mail: [Info.eckart@altana.com](mailto:Info.eckart@altana.com)

[www.eckart.net](http://www.eckart.net)

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