


Technical Product Information		
STANDART Aluminium Pigment Powder		
Article-Nr.: 049113..	Product Name: CHROMAL VIII	

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Product description:

STANDART CHROMAL leafing, aluminium pigment powder to formulates flexo and gravure inks.

- Recommended for solvent based and UV-curing systems
- Maximum brilliance and coverage based on optimised leafing properties.

These product 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 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.

Product properties:

STANDART CHROMAL aluminium powders is based on leafing pigments for highest brilliancy.

The STANDART aluminium pigments can be combined with all major solvents. Select the binder system carefully: Some systems are aggressive to metallic pigments and will reduce brilliance and shelf life. Tests need to be done prior to any commercial use.

For water based systems we recommend to use only stabilised ROTOVARIO aqua / SHINEDECOR / STAPA Hydrolan & Hydroxal products.

Optical Properties:

STANDART	Brilliance	Coverage
CHROMAL VIII	***	*

Technical Data:

STANDART	Pigment size (D ₅₀)	Pigment content
CHROMAL VIII	appr. 14 µm	100 %

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

Guiding formulation:

Bright gravure silver ink – paper and board:

CHROMAL VIII	20 %
Solvent (e. g. Isopropyl Acetate)	20 %
Acrylic binder (~30% resin in Acetate)	60 %

Σ	100 %
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Add CHROMAL VIII to solvent and mix well. Add resin and disperse.

Adjust viscosity to app. 16 – 20 s (DIN 4 cup).

Bright flexo silver ink – paper and board

CHROMAL VIII	18 %
Ethanol	22 %
PVB binder (~25% resin in Ethanol)	60 %
Σ	100 %

Add CHROMAL VIII to solvent and mix well. Add resin and disperse.

Adjust viscosity to app. 18 - 22 s (DIN 4 cup).

Please refer to the Material Safety Data Sheet for further handling guidelines.

Storage and transportation:


The STANDART aluminium pigment powders 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 the drums closed and store under dry conditions to avoid water contamination as aluminium can react with water.

Shelf life: 12 months

For further information or samples, please contact:

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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 rights. We reserve the right to alter any product data as a result of technical

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progress or further developments in the manufacturing process.