

Pigments

Code A31196000

PRODUCT DESCRIPTION

Metal and fluorescent pigments and a matting powder that can be added to a solvent based or UV binder.

APPLICATION FIELDS

According to the used binder (solvent based or UV).

APPLICATION PROCESS

Substrates	According to the used binder (solvent based or UV)
Th/Cm	See the Product Range below
Emulsion	According to the used binder (solvent based or UV)
Squeegee	Square edge Squeegee hardness 70-75 Shores
Drying	According to the used binder (solvent based or UV)
Thinners	According to the used binder (solvent based or UV)
Retarders	According to the used binder (solvent based or UV)
Adhesion promoters	According to the used binder (solvent based or UV)
Levelling agent	According to the used binder (solvent based or UV)
Cleaning	Solvent LQ 90.920
Storage	According to the used binder (solvent based or UV)
Packaging	See the product range table
Safety data sheet	Available upon request

GENERAL FEATURES

- Excellent dispersiveness
- Wide range

PREPARATION

Slowly add the pigment/powder to the binder, by mixing well by hand or mechanically. The recommended maximum pigment percentages are as follows:

- 10-15% silver metal powder
- 20-25% golden metal powder
- 20-30% fluorescent pigment
- 4-5% matting powder

TECHNICAL FEATURES

The performance depends on the used binder and the number of threads in the screen. These data are merely an indication, since they depend on the dilution, the substrate and the printing equipment.

SPECIAL RECOMMENDATIONS

- Always test the characteristics of the product, before starting production.
- The above information is the result of previous knowledge and experience; it is neither a guarantee or an assurance.
- Some UV binders are particularly reactive towards metals, therefore it is recommended to prepare small quantities of ink. (pot-life 4-8h).

PRODUCT RANGE**METAL PIGMENTS**

CODE	PRODUCT	PACK	SCREEN
A31196124NF001	METAL PIGMENT 96.124 NF SILVER TOYS	1 kg	Max 180
A31296027001	METALLIC PIGMENT 96.006 METAL FLAKE	1 kg	Max 90
A31196324001	PIGMENT 96.324 PALE GOLD TOYS	1 kg	Max 140
A31196424NF001	PIGMENT 96.424 RICH PALE GOLD TOYS	1 kg	Max 140
A31196524NF001	PIGMENT 96.524 RICH GOLD TOYS	1 kg	Max 140
A31196434001	PIGMENT 96.434 RICH GOLD TOYS (*)	1 kg	Max 77

(*) Indicated for printing with water-based products, since it does not oxidize. Print with a max. 77 Th/cm screen

FLUORESCENT PIGMENTS

CODE	PRODUCT	PACK	SCREEN
A31196210001	SATURN YELLOW	1 kg	Max 120
A31196215001	ARC CHROME	1 kg	Max 120
A31196310001	BLAZE	1 kg	Max 120
A31196312001	FIRE ORANGE	1 kg	Max 120
A31196317001	AURORA PINK	1 kg	Max 120
A31196511001	SIGNAL GREEN	1 kg	Max 120

PEARL PIGMENTS

CODE	PRODUCT	PACK	SCREEN
A31296010001	PIG. PERL. SILVER 96.010	1 kg	Max 100

PASTE ALLUMINIO NO-LEAFING

CODE	PRODUCT	PACK	SCREEN
A31196125001	ALUMINIUM PASTE NO-LEAFING SUPERFINE	1 kg	Max 120

IMPORTANT NOTE

The information given in this technical sheet is not intended to be exhaustive and any person, using the product for any purpose other than that specifically recommended in this sheet without first obtaining written confirmation from us of the suitability of the product for the intended purpose, does so at his own risk.

While we endeavour to ensure that all advice we give about the product is correct, we have no control over either the quality or condition of the substrate or the many factors affecting the use and application of the product.

Therefore, unless we specifically agree in writing to do so, we do not accept any liability whatsoever or howsoever arising for the performance of the product or for any loss or damage arising out of the use of the product.

The information contained in this sheet is liable to modification from time to time in the light of experience and our policy of continuous product development.

WARNING

This technical data sheet does not replace either the Safety Data Sheet or the specific Conformity Declaration. These documents may be required to our SHEQ (Product safety office), at the following e-mail address: safety@eptains.com

The technical data sheet does not relieve the printer, who remains the only responsible of the respect of the regulations, the specifications and the related required certifications of the finished items.