

Seripoxy 90.000

Code A31190000

PRODUCT DESCRIPTION

Bi-component solvent based ink with glossy finishing.

APPLICATION FIELDS

Seripoxy series is particularly indicated for printing of glass, households appliances, automotive, promotional and packaging. Furthermore, it is possible to print onto treated polyolefinic materials.

APPLICATION PROCESS

Substrates	GLASS, ALUMINIUM, METALS, WOOD, TREATED PP AND PE
Th/Cm	From 77 to 120 Th/cm
Emulsion	See the product range table
Squeegee	Square edge Squeegee hardness 70-75 Shores
Drying	Tack-free is reached at room temperature within 1 hour, or at 150°C for 30 minutes
Catalysts	Epoxser Catalyst 92.599 Max. 20%; Special catalyst 92.600 Max. 10% (for glass)
Thinners	Thinner 90.922 ECO (normal) Thinner 90.918 slow
Retarder	90.931 Extra slow odourless
Levelling agent	Levelling 90.970 (code A31890970000) max. 2%
Cleaning	Solvent LQ 90.920
Storage	If kept in its original sealed package, the product has a shelf-life of 2 years.
Packaging	See the product range table
Safety data sheet	Available upon request

GENERAL FEATURES

- Good flexibility
- Good chemical and mechanical resistances
- Good stability in the screen
- Silicone-free

PREPARATION

Before using it, the ink must be catalyzed, by adding Epoxser Catalyst 92.599 according to the following quantities:

- 10%, in order to obtain an ink film, which is more rigid and more resistant to solvents;
- 20%, in order to have an ink film, which is more flexible.

For printing on glass the ink must be catalyzed by adding 10% of Special Catalyst 92.600.

Furthermore, the ink must be well mixed, and, in case, diluted, according to printing requirements.

TECHNICAL FEATURES

The performance of the product, printed with a 120 th/cm screen, is 50-60 m²/kg. These data are merely an indication, since they depend on the dilution, the substrate and the printing equipment. The best chemical resistances are achieved by drying the ink film at 150°C for 20-30 minutes, through a static or hot air oven.

Seripoxy series has an outdoor resistance (inclement weather, sunlight) up to 1 year.

These data are highly influenced by the kind of substrate to be printed, the altitude, the geographical position and the air pollution.

PRODUCT RANGE

CODE	PRODUCT	PACK
A31190800001	TRANSPARENT BASE TOYS	1 kg

In order to prepare metal or fluorescent colours, it is possible to add pigments (code A31196000) to Seripoxy Transparent Base Toys A31190800001, according to the following percentages:

- 10-15% silver powder
- 20-25% golden powder
- 20-30% fluorescent pigment

SPECIAL RECOMMENDATIONS

- Always test the features of the product before proceed to production.
- The information presented are the result of past experiences and knowledge they do not represent warranty or insurance.
- Through the addition of such promoter, the ink has a pot-life of about 4 hours.

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@eptainks.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.