

**FX COATING PK3000 QUÍMICO**

Product for use in flexographic printing for aesthetic effect. Developed for Bioriented Polypropylene (BOPP), Polyester (PET - Chemical Treatment), Polyethylene (PE) and Polypropylene (PP) films. Over print varnish that promotes excellent gloss and abrasion resistance to packaging. After catalysis, it is able to promote resistance to water, alcohol, ethyl acetate and chemical resistance, as fabric softener, bleach, sodium hypochlorite (bleach), yogurt, milk and laundry soap. Provides brightness, transparency, grip. Optimum heat resistance after full cure, withstands up to 200°C to 1.5 "with 2 kg pressure (sealing simulation).

**CODE: 025472-00****TYPICAL PROPERTIES**

**Product type**..... Mixture  
**Aspect**..... Slightly yellowish viscous liquid  
**Density**..... 1,0 g/cm<sup>3</sup> (20 °C) (approximate value)  
**Viscosity**..... 18 – 20 seconds (Zahn 2)  
**Non volatile**..... ≥ 25,0%  
**Drying**..... 40 – 60 seconds (Bird 40 µm)

**APPLICATION**

**Dosage** Use ink that allows the range of gramatura desired (last color)

**AUXILIARY PRODUCTS**

**Catalyst** 024493-00 CATALISADOR COATING QUÍMICO PK3000

**ANJO TINTAS**

Unit IV – ANJOPRINT

Rod. SC 108, s/n - km 366 - B. São Simão - Morro da Fumaça – SC/Brasil - CEP: 88830-000

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## TECHNICAL DATA SHEET

FR413 (REV. 01)

<b>Retarder</b>	003327-00 SOLVENTE PESADO PM or 021248-00 FX RETARDADOR 8515
<b>Accelerator</b>	003324-00 ACETATO DE ETILA or 035225-00 FX THINNER COATING 035225
<b>Viscosity application</b>	18 – 22 seconds (Zahn 2)
<b>Anilox</b>	120 to 160 lines (5.5 to 6.5 BCM) recommended
<b>Application</b>	Apply with roller
<b>Grammage</b>	Apply grammage by 2,0 - 3,0 g/m <sup>2</sup>
<b>Product life after catalysis</b>	12 hours

### HEALING AFTER PRINTING

<b>For cut</b>	2 hours
<b>For abrasion resistance</b>	72 hours
<b>For chemical resistance</b>	24 hours

### APPLICATION INSTRUCTIONS

Make sure homogeneous and nothing is trapped at the bottom of the container.

Adjust the viscosity of the varnish only after its perfect homogenization, and for such adjustment use the products 03324-00 ACETATO DE ETILA or 019807-00 FX THINNER ACELERADOR 85%, and in If the product becomes drying, it is recommended to use the 007601-00 FX THINNER MÉDIO COATING.

During printing, the reservoir, the ink cartridge and can must remain closed.

Manter sistema de entintagem/batidão ligada, to prevent drying on the rolls.

After printing clean anilox immediately.

In stock, keep cans tightly sealed, in cool and ventilated places.

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Formulate before printing the following structure that makes up the Coating Químico:

## Varnish Flexographic

Product	Code	Quantity (%)
FX COATING QUIMICO PK3000	025472-00	70,0
CATALISADOR COATING QUÍMICO PK3000	024493-00	30,0
<b>Total</b>		100,0

Not liquid compatible with inks Anjoice, AnjoPP, Anjotech, Anjofilm, Anjobag, AnjoBOPP, Anjoshrink, Anjoraf and AnjoPP/PE. It has chemical resistance (alkaline and acidic materials). Application “overprint” in the inks lines Anjoflex, Anjopack, Anjoplus, Anjocereal, Anjoice e Anjobag.

## SAFETY RECOMMENDATION

Store the product in sheltered, ventilated environments.

Flammable product, keep away from sparks, sources of ignition, do not smoke.

Product when applied emanates vapors that should be avoided with the correct use of PPE, such as masks and respirators.

Avoid skin contact using gloves, goggles, proper clothing, protective creams etc.

Keep away from contact with children and animals.

## STATUTORY REQUIREMENTS

ANVISA (Brazilian Health Regulatory Agency): Rules heavy metal levels for food packaging that may have contact with children;

FDA (Food and Drug Administration): Norm american regulating foods and drugs for toxicity;

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ABRE (Associação Brasileira de Embalagens): Exclusion list to toxicity to ink and solvent in the print;

EUPIA (European Printing Ink Association): European exclusion list per toxicity in inks and solvent for printing.

## **OBSERVATION**

The instructions in this bulletin are based on our experience and technical knowledge, however, some factors are independent of our control as a manufacturer, such as:

substrate treatment, application, working conditions, and so forth. Due to substrate diversity and printing conditions, this sheet is sent for proposed information and is offered without warranty as it must be confirmed by industrial testing before products are used.

Use of thinner other than specified may affect product performance.

Anjo is constantly making improvements to its products and we reserve the right to change the contents of this technical bulletin without prior notice. Anjo is not responsible for improper use of the product.

**Shelf life**      6 months

### **Packing**

Metal bucket.....17Kg

Drum.....160Kg

**Review**          28/07/2020

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