

# Vinilfast 36.000

Code A31136000

## PRODUCT DESCRIPTION

Semi-glossy vinyl ink with very quick drying.

## APPLICATION FIELDS

*Vinilfast* is mainly used for printing of PVC coated fabrics for shoes, truck tarpaulins, advertising banners, labels and stickers.

## APPLICATION PROCESS

<b>Substrates</b>	Paper, PVC, ABS, PES, PMMA, PS
<b>Th/Cm</b>	From 77 to 120 Th/Cm
<b>Emulsion</b>	<ul style="list-style-type: none"> <li>• <i>Zero - In SV Plus Viola</i></li> <li>• <i>Zero - In SR-V</i></li> </ul>
<b>Squeegee</b>	Square edge Squeegee hardness 70 - 75 Shores
<b>Drying</b>	Tack-free is reached at room temperature within 15 min., or at 50-60°C for 1 minute
<b>Thinner</b>	<ul style="list-style-type: none"> <li>• <i>Thinner 90.924</i></li> <li>• <i>Thinner 90.918 Slow</i></li> <li>• <i>Thinner 90.911nf Extra Slow</i></li> <li>• <i>Thinner 90.921 Spray Odourless</i></li> </ul>
<b>Retarder</b>	<i>Tixo-Vinyl Retarder 8159-V-9</i> (code A3149088800...) Max 30% <i>90.923 Retarder Odourless</i> (code A31890923001)
<b>Adhesion Promoter</b>	<i>Adhesion Promoter 90.908</i> (code A31890908000) Max. 10%
<b>Levelling Agent</b>	<i>Levelling 90.970</i> (code A31890970000) Max. 2%
<b>Cleaning</b>	<i>Solvent LQ 90.920</i>
<b>Storage</b>	If kept in its original sealed package, the product has a shelf-life of 2 years
<b>Package</b>	See the product range table
<b>Safety Data Sheet</b>	Available on request

## GENERAL FEATURES

- High frequency welding
- Excellent opacity
- Good flexibility
- Good chemical resistances

## PREPARATION

Before using it, the ink must be mixed well 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 m<sup>2</sup>/Kg. These data are merely an indication, since they depend on the dilution, the substrate and the printing equipment. *Vinilfast* series has an outdoor resistance (inclement weather, sunlight) up to 2 years.

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

The addition of high percentages of white or transparent base to the ink causes a substantial reduction in its light resistance.

In case that a reduction in the glossy level is necessary, it is possible to use *Vinilfast Satin Clear Toys* (code A31136810001).

## SPECIAL INSTRUCTIONS

- 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 nor an assurance.
- In order to improve adhesion on such substrates, that are difficult to be printed, it is possible to add up to 10% *Adhesion Promoter 90.908*. Through the addition of such promoter, the ink has a pot-life of about 8 hours.
- The use of *Thinners 90.917* and *90.927* is not recommended, since they do not meet Toys regulations.

## PRODUCT RANGE

### BLACK and WHITES

CODE	PRODUCT	PACKAGE
A3113610000-	WHITE TOYS	1 and 5 kg
A3113610100-	OPAQUE WHITE	1 and 5 kg
A3113670000-	BLACK TOYS	1 and 5 kg
A31136701001	OPAQUE BLACK TOYS	1 kg
A31136710001	WELDING BLACK TOYS	1 kg

### FOUR-COLOUR PROCESS

CODE	PRODUCT	PACK.
A31136297001	YELLOW PROCESS TOYS	1 kg
A31136397001	MAGENTA PROCESS TOYS	1 kg
A31136497001	CYAN PROCESS TOYS	1 kg
A31136797001	BLACK PROCESS TOYS	1 kg
A31136880001	THIXOTROPIC GEL TOYS	1 kg

## OPAQUE COLOURS

CODE	PRODUCT	PACK.
A31136281001	LEMON YELLOW TOYS	1 kg
A31136200Y001	PRIMEROSE YELL. TOYS	1 kg
A31136202Y001	CHROME YELLOW TOYS	1 kg
A31136381001	ORANGE TOYS	1 kg
A31136302Y001	RED SCARLET TOYS	1 kg
A31136303Y001	RED TOYS	1 kg
A31136305Y001	CARMINE RED TOYS	1 kg
A31136343001	PINK TOYS	1 kg
A31136400001	LIGHT BLUE TOYS	1 kg
A31136401001	COBALT BLUE TOYS	1 kg
A31136403001	ULTRAMARINE BLUE TOYS	1 kg
A31136404001	BRILLIANT BLUE TOYS	1 kg
A31136405001	DARK BLUE TOYS	1 kg
A31136440001	VIOLET	1 kg
A31136500001	LEAF GREEN TOYS	1 kg
A31136503Y001	DARK GREEN TOYS	1 kg
A31136541Y001	GREEN TOYS	1 kg

## OTHER PRODUCTS

CODE	PRODUCT	PACKAGE
A3113680000-	TRANSPARENT BASE TOYS	1 and 5 kg
A31136810001	SATIN CLEAR TOYS	1 kg

In order to prepare metal or fluorescent colours, it is possible to add pigments (code A31196000) to *Vinilfast Transparent Base Toys A31136800005*, according to the following percentages:

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

**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.