

## ○ APPLICATIONS

Mainly used for thermoplastics in general such as: ABS, SAN, paper, butyric acid cellulose, rigid and soft PVC, polymethylacrylate. Do not use for polyolefins.

It can also be utilized on some painted surfaces, leather, wood and imitation leather.

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## ○ FEATURES

It is a single-component ink with a vinyl acryl base.

It has a glossy appearance and a good covering power, with a rapid solvent evaporation capacity.

Non-toxic ink (NT) conforms to European regulations EN 71/part 3 and European Directive 2002/95/EC (RoHS).

Excellent adherence on the materials given and good resistance to alcohol and to petrol.

It has a very good resistance to light with a 7 to 8 DIN solidity (The pink color has a lower resistance).

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## ○ PROCESSING

Mix and strongly dilute the ink by using the PLA thinner in the measure of max. 10-20%.

When printing fine details or screened images (e.g. 80/120 lines per cm<sup>2</sup>) in warm environments, we recommend you add the PLD retardant in a minimum percentage.

### **CAUTION!**

*Excessive dilution generates a loss of the covering power, smudges and an imperfect detachment of the ink from the pad. An insufficient dilution causes problems of drawing the ink from the cliché, printing repeatability and dripping of the ink with a consequent decline of the printing quality.*

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## ○ DRYING AND HARDENING

The drying time lasts between 2 and 3 minutes at an ambient temperature of about 20 °C.

If you would like it to dry in only a few seconds, you can use hot air circulation ovens (60-80 °C) or high temperature spot devices (air or infrared rays) that can be installed on the piece feeding systems (e.g. rotary tables, conveyors, etc.).

The ink is completely hardened after 24/48 hours.

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## ○ COLOUR RANGE

Consult the COMEC ITALIA color chart of matt hues that includes a selection of 24 standard colors plus 3 three-color shades.

All of the color shades can be mixed with each other.

Upon request:

- special sample colors

- metallic gold and silver shades ready for use.

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## ○ ADDITIVES

PLA thinner.

PLB fast thinner.

PLD retardant.

PPLD retardant paste.

PLT12/70 transparent base.

OP opacifier.

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## ○ PRESERVATION

Lifetime of about 2 years.

Conditions for preservation: the package must be sealed tight and put in a dry and cool space.

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## **CAUTION: ESSENTIAL NOTES!**

*The information and data contained in this sheet and those provided by Comec Italia by any means are purely indicative, since the conditions of the products' utilization are beyond our control.*

*We recommend that you make some preliminary trials in order to ascertain the selected product's suitability for the material and the work conditions prior to starting a new production run.*

*The use of any product remains entirely under the responsibility of the customer.*

*The manufacturer reserves the right to make changes it deems necessary at any time.*

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