



**MODERN SPECIALTIES IN SYNTHETIC AND PLASTIC INKS**

Rondeau 1200. Ramos Mejía, Buenos Aires, Argentina.

**Phone:** 4654-0060 **Fax:** 4656-1098 **E-Mail:** laboratorio@pintesint.com

www.pintesint.com

## **NITROTINTA SERIE 5000**

It is a nitrocellulose based ink, quick drying and glossy. Its greatest virtue is the wide range of substrates on which it adheres and its great ease of use.

### **APPLICATIONS**

Among the various substrates to be printed are: Mylar®, polyester, aluminium, cellulose of acetate and various celluloid, wood, paper, cardboard, cardboard, and leather. In this line we have developed **non-toxic** colours, which are required in the manufacture of toys and teaching materials.

The following colours are formulated with heavy **metal free pigments**:

5010 White  
5021 Yellow Canary Non-toxic  
5024 Yellow Gold Non-toxic  
5040 Crystal Varnish  
5051 Orange Non-toxic  
5053 Red Non-toxic  
5054 Magenta  
5070 Royal Blue  
5072 Ultramarine Blue  
5090 Black  
5126 Yellow Lemon Transparent  
5127 Yellow Transparent Gold  
5156 Transparent orange  
5157 Transparent red  
5158 Transparent Royal Blue  
5176 Transparent Ultramarine Blue

### **DRYING**

The drying is produced by solvent evaporation and therefore, its speed will depend on the solvent used. At room temperature, the drying time is approximately 15 minutes, and can be overprinted at 30 minutes. Such drying can be accelerated by subjecting the print to temperatures of 90 ° C in ovens, which will not only give the ink a greater hardness, but will also improve adhesion.

**Manual or semi-automatic printing** with meshes from 110 to 140 threads / cm

**Drying** Evaporation 15-20 minutes

**Yield** 30 to 40 m<sup>2</sup> / kg depending on colour

**Dilution** Normal: vinyl reducer (Code 9602) Slow: retarder and / or Vinyl retarder (Code 9604.9605), retarder 161 (9608)



**MODERN SPECIALTIES IN SYNTHETIC AND PLASTIC INKS**

Rondeau 1200. Ramos Mejía, Buenos Aires, Argentina.

**Phone:** 4654-0060 **Fax:** 4656-1098 **E-Mail:** laboratorio@pintesint.com

www.pintesint.com

**Auxiliary Additives** Plasticizer 8 to increase elasticity (impression on leathers)

**Cleaning** Vinyl Cleaner (Code 9600)

**POLYCHROMATIC LINE**

This line is exclusively formulated to work with transparencies and Especially for the impressions on faceted Mylar® (Polyprism).

**Colour range**

5010 White  
5020 Yellow Lemon  
5021 Yellow Canary non-toxic  
5022 Medium Yellow  
5024 Yellow gold Non-toxic  
5031/5037 Colours fluorescent  
5040 Crystal Varnish  
5050 Orange  
5051 Orange non-toxic  
5052 Red Non-toxic  
5053 Red Non-toxic  
5070 Royal Blue  
5072 Ultramarine Blue  
5090 Black  
5126 Polychrome Yellow Lemon  
5127 Polychrome Medium Yellow  
5156 Orange Polychromatic  
5157 Polychromatic Red  
5158 Polychromatic Ultramarine Blue  
5176 Polychromatic Royal Blue

**IMPORTANT NOTE**

- I. The inks formulated by Pintesint SAICYF must be used exclusively with the solvents and the complementary products that it manufactures for that purpose. Due to the diversity of products in the market, the company is not responsible for the use of the same from another source.
- II. The suggestions and data of this literature were elaborated in good faith, to guide the user. We recall the importance of checking the adaptability of inks and complementary products by testing before starting production. Due to the fact that the conditions of use of the products are not under our control, the present does not constitute a guarantee on the work to be done.