



## Untreated Rubber Inks (PPR)

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### PROPERTIES

PPR inks are suitable for printing onto products made of EVA and some other synthetic fabrics. This ink range is quick drying and when completely dry, the ink film has excellent flexibility, adhesion and colour brightness.

### INSTRUCTIONS FOR USE

#### Thinning and Cleaning

- Stir well before use.
- PPR can be used without thinning, giving excellent opacity.
- 10-15% Retarder 2939 or thinner 5099 can be used to make the ink dry more slowly when printing in a warm room or when using screens with high mesh counts.
- Cleaner 2940 should be used to clean PPR from the screen. For heavy ink stains, Screensolve can be used.

Please refer to the relevant P.I. Sheets for more information.

#### Printing

- PPR can be printed through any type of mesh, but for the best printing results it is recommended that monofilament P36-90 to P120-34 be used. For high definition prints P90-48 to P120-34 should be used.
- PPR is suitable for both manual and automatic screen-printing.
- PPR can be printed through a variety of solvent resistant stencils, such as Diazol Plus Ultra (U016), Diazol S (G133) and Diazol S Fast (G124).
- A snap distance of about 2-3 mm is required for a good release of the print from the screen.
- Apply Spray Way SW82 all over the print table to firmly hold the substrate in place during printing.

Due to the wide range of substrates available, it is advisable that the ink be tested fully prior to printing.

#### Drying

PPR inks dry through solvent evaporation. They will dry in about 10 -15 minutes at room temperature , depending on the type of substrate and the ambient temperature. PPR can be dried in about 2-3 minutes at 40-60°C.

### COLOUR RANGE

The PPR ink range consists of 9 colours: 7 CMS (Chaiyaboon Matching System) Base Colours and 2 Standard Colours. The CMS Colours are of highly vibrant shades and virtually any colour can be produce by colour matching the CMS Base colours with Black , White and the Extender Base.

#### CMS Base Colours

The following CMS colours are suitable for direct printing or colour-matching:

PPR320	Untreated Rubber Ink	Light Yellow/CMS Yellow GS
PPR340	Untreated Rubber Ink	Mid Chrome/CMS Yellow RS
PPR550	Untreated Rubber Ink	CMS Red
PPR560	Untreated Rubber Ink	CMS Magenta
PPR590	Untreated Rubber Ink	CMS Violet
PPR600	Untreated Rubber Ink	CMS Blue
PPR700	Untreated Rubber Ink	CMS Green

## Standard Colours

The standard colours are available as follows:

PPR100	Untreated Rubber Ink	Black
PPR200	Untreated Rubber Ink	White
PPR090	PPR Extender Base	Clear

### Remarks:

CMS	Chaiyaboon Matching Systems
RS	Red Shade
GS	Green Shade

## Solvents

5099	Thinner
2938	Fast Thinner
2939	Retarder
2940	Cleaner

## STANDARD PACKING

PPR inks are available in 25Kg, 5Kg and 1Kg containers.  
The Solvents are available in 200 ltr, 20 ltr, 5 ltr and 1 ltr containers.

## COLOUR MATCHING SERVICE

CHAIYABOON BROTHERS COMPANY (CBC) offer a quality colour matching service. Colours can be matched to prints, wet ink samples or to PANTONE references. When placing an order, please include a sample of the substrate to be printed, along with any other relevant information, such as the type of mesh and squeegees that are to be used and the product resistance required. The minimum order for a colour match is 3Kg.

## STORAGE

PPR inks should be stored in a sealed container between 5-25°C.

## SAFETY AND HANDLING

- PPR inks are suitable for printing children's products. All colours comply with the following standards: EN71 Standard of the European Economic Community, the United Kingdom Toys (Safety) Regulation 1974, the DIN EN 71 Standard of Germany and French Toys Standard NF 551204, Title 16, Code of Federal Regulations of U.S.A.
- PPR inks are flammable with a flash point of 37°C/98°F.
- Whilst working with the ink, the consumption of food and drink, and smoking are not recommended.

Please consult the information on ***the Safety and Handling of PPR inks*** in the Chaiyaboon Material Safety Data Sheet.

## ENVIRONMENTAL INFORMATION

### PPR Inks:

- Do not contain heavy metals.

## TECHNICAL SERVICE AND INFORMATION

For further information or other relevant data, please do not hesitate to contact us. Chaiyaboon Brothers Company (CBC) has a team of well-trained personnel who are ready to give help and advise regarding product information and application.

PPR 3-0801

The information and recommendations contained in this Product information sheet, as well as technical advice otherwise given by representatives of our Company, whether verbally or in writing, are based on our present knowledge and believed to be accurate. However, no guarantee regarding their accuracy is given as we cannot cover or anticipate every possible application of our products because manufacturing methods, printing stocks and other materials vary. For the same reason our products are sold without warranty and or condition that users shall make their own tests to satisfy themselves that they will meet fully their particular requirements. Our policy of continuous product improvement might make some of the information contained in this Product information sheet out of date and users are requested to ensure that they follow current recommendations.