



ecotech
POLYMERS



ECOTECH NPW SERIES

ECO-FRIENDLY WATER BASED TEXTILE SCREEN PRINTING INKS

(PVC FREE, PHTHALATE FREE, HEAVY METALS FREE, FORMALDEHYDE FREE INKS FOR MACHINE PRINTING)

GENERAL INFORMATION :

Ecotech NPW series of water based inks are available in various different opaque shades & Fluorescent shades with extremely good washing and rubbing fastness. It is based on acrylic co-polymeric compounds which is non-hazardous for use. As being very smooth paste, it is easily printable without chocking of the screens.

FEATURES OF ECOTECH NPW SERIES INKS:

- * User Friendly * Eco-friendly * No chocking of screens *
- * Excellent stretchability * High fastness * Suitable for exports garments *

METHOD OF PRINTING :

- Ecotech NPW series of opaque inks are directly printed without adding any other chemicals which may affect its properties.
- Use recommended screen mesh to achieve maximum coverage with minimum deposition of inks. This gives very soft & stretchable prints.
- All the colour shades of Ecotech NPW series are inter-mixable to obtain any desired shades as per requirement.
- Kindly backflood the screens to minimize drying of inks on screens.

MESH OF THE SCREEN :

Mesh of the screen recommended for best results is 120 - 140mesh.

CURING TEMPERATURE :

The curing of prints is done at 160°C to 170°C for 3 minutes. After curing this prints are fused at 160°C for 8 seconds.

Exact time & temperature may vary as per the driers used.

CLEANING OF SCREEN :

Cleaning of screen is done with Water.

PRECAUTION :

1. Add about 1 – 2 % distilled water if required for reducing the viscosity of colours.
2. Add Anti-Chocking additive to further delay the drying of the inks if required
3. If adding any fixers, kindly make sure it is formaldehyde free.

The above information is given as per best of our knowledge and in good faith but without warrantee. We do not accept any legal responsibility for the contents in the literature. Users must take full lab test and trail before the use

ECOTECH NPW SERIES PROCESS COLOURS (CMYK)

ECO-FRIENDLY WATER BASED TEXTILE SCREEN PRINTING INKS

(PVC FREE, PHTHALATE FREE, HEAVY METALS FREE, FORMALDEHYDE FREE INKS FOR MACHINE PRINTING)

GENERAL INFORMATION :

Ecotech NPW Series Process inks is available in four transparent shades with extremely good washing and rubbing fastness. It is based on acrylic co-polymeric compounds which is non-hazardous for use. As being very smooth paste, it is easily printable without chocking of the screens.

FEATURES OF ECOTECH NPW SERIES INKS:

- * User Friendly * Eco-friendly * No chocking of screens *
- * Excellent stretchability * High fastness * Suitable for exports garments *

METHOD OF PRINTING :

- Print the material directly without adding anything to it by screen on fabric by applying only two strokes.
- As the material is slow drying in nature it is printed by wet on wet process on hot table or print one colour and dry it by hot air dryer or by spot curing and then print second colour. First colour will not get cured but at the same time it will not stick to screen while printing second colour.

For printing on Dark Ground Fabrics, kindly print white as under base and then print the process colours over it.

MESH OF THE SCREEN :

Mesh of the screen recommended for best results is 180 - 200 mesh.

CURING TEMPERATURE :

The curing of prints is done at 160°C to 170°C for 3 minutes. After curing this prints are fused at 160°C for 8 seconds.

Exact time & temperature may vary as per the driers used.

CLEANING OF SCREEN :

Cleaning of screen is done with Water.

PRECAUTION :

1. Add about 1 – 2 % Distilled Water if required for reducing the viscosity of colours.
2. Add Anti-Chocking additive to further delay the drying of the inks if required.
3. If adding any fixers, kindly make sure it is formaldehyde free.

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ECOTECH NPW SERIES (CLEAR)

(For Mixing with White)

(PVC FREE, PHTHALATE FREE, HEAVY METALS FREE, FORMALDEHYDE FREE INKS

FOR MACHINE PRINTING)

GENERAL INFORMATION :

This product is used for mixing with White inks & make required colour shades by adding pigments with good washing and rubbing fastness.

METHOD OF PRINTING :

- Mix colour base with white ink in required ratio depending on the colour shades required.
- Add required pigments to the above mixed paste.
- Print the material directly by screen on the fabric.
- Flash cure the printed portion and over print again by applying two strokes.
- Cure the print at 150 degrees.

PRECAUTION :

4. Add about 1 – 2 % distilled water if required for reducing the viscosity of colours.
5. Add Anti-Chocking additive to further delay the drying of the inks if required.
6. If adding any fixers, kindly make sure it is formaldehyde free.

The above information is given as per best of our knowledge and in good faith but without warrantee. We do not accept any legal responsibility for the contents in the literature. Users must take full lab test and trail before the use.

All types of Pigment shades are available

Fluorocent colors are also available

ECOTECH NPW SERIES (DOD-8)

(For printing Dark colours On Dark ground fabrics)

(PVC FREE, PHTHALATE FREE, HEAVY METALS FREE, FORMALDEHYDE FREE INKS

FOR MACHINE PRINTING)

GENERAL INFORMATION :

ECOTECH NPW SERIES (DOD-8) is a special ink & a unique product which is used for printing dark colours on medium and dark coloured fabric with minimum pigment addition in comparison to khadi. It gives high stretchable & very soft feel prints.

METHOD OF PRINTING :

Just add pigment to ECOTECH NPW SERIES (DOD-8) and print it on fabric and flash cure the print. Again over print with two strokes and flash cure the print.

Allow it to dry for an hour.

For Printing Bright red Colour on Black Fabric :

- 1) Add just **8%** of Red pigment emulsion in ECOTECH NPW SERIES (DOD-8).
- 2) Print the paste on Black fabric by applying two strokes.
- 3) Dry the print & reprint by applying two strokes.
- 4) Cure the print.

CURING TEMPERATURE :

Curing is done at 150 °C for 2 mins or cure by fusing the print in heat press at 140°C for 6-8 secs.

MESH OF THE SCREEN :

Regular 120 mesh screen is used to print this material.

NOTE :

No white printing is possible by this ink. Curing at higher temperature and with more contact time will increase the rubbing & washing fastness.

PRECAUTION :

7. Add about 1 – 2 % distilled water if required for reducing the viscosity of colours.
8. Add Anti-Chocking additive to further delay the drying of the inks if required
9. If adding any fixers, kindly make sure it is formaldehyde free.

The above information is given as per best of our knowledge and in good faith but without warrantee. We do not accept any legal responsibility for the contents in the literature. Users must take full lab test and trail before the use.

WARNING:



Children can fall into bucket and drown. Keep children away from bucket with even a small amount of liquid.

Non Flammable

Store in cool and dry place

Made in India

FOR INDUSTRIAL USE ONLY



ECO-FRIENDLY TEXTILE SCREEN PRINTING CHEMICALS

Important Instructions :

- Stir Thoroughly prior to use. Tightly seal the container after use.
- Keep away from temperatures above +40°C.
- Refer to technical data & MSDS for more detailed information on specific products.
- Keep away from chemical fumes, food & drink.
- Avoid contact with eyes.
- May be harmful if swallowed.
- Wash hands after use.

A STEP TOWARDS GREENER WORLD

**Finest Quality
Textile Screen Printing Chemicals
and
Auxillaries**

Manufactured by :

Ecotech Polymers

Regd. Office :
96,Narayan Dhuru Street,
2nd Floor, Nagadevi,
Mumbai - 400 003.
Tel : + 91-8451956805
Email : info@ecotechpolymers.net

ecotech Polymers 20Ltr., Size : 410 x 220mm, Gwt : 2540-15, Colour : 1st Blue, 2nd Blue



BUCKET DESIGN

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