ASUPRINT DISCHARGE NW

TECHNICAL DATA SHEET

DESCRIPTION

Ready to use printing paste, for pigment printing on backgrounds dyed with dischargeable dyestuffs. Discharge effect will be obtained by curing.

Formaldehyde, APEO and phthalates free.

STANDARDS

- bluesign® approved.
- ZDHC Gateway Level 3
- According to GREEN TO WEAR 2.0 SUPPORTING DOCUMENTS by INDITEX Group this product does not need chemical testing because it meets the requirements of Option 2 – ZDHC Gateway Chemical Module.

SCOPE OF APPPLICATION

- Fabric and garment printing.
- Cotton and 100% cellulosic fibres.

PROPERTIES

- Good handfeel and colour yield.

CHARACTERISTICS

Appearance	Paste
Colour	White
Composition	Resin with emulsifiers
pH	11.5 ± 0.5

APPLICATION

White discharge

900 g/kg	ASUPRINT DISCHARGE NW
40 g/kg	REDUCTOR H-113
60 g/kg	BLANCO PIGMENTO A-B
1000 g	

Coloured discharge

930-900 g/kg	ASUPRINT DISCHARGE NW
30-60 g/kg	ASUPRINT PIGMENT (previously tested)
40 g/kg	REDUCTOR H-113
1000 g	

Print and dry at 100 ºC or at room temperature.
Cure 5 minutes at 160 ºC.
Whenever necessary, wash thoroughly in cold water with 1 g/l ASUTOL NSE.

To improve fastness overall

Add 100 g/Kg of ASUCRYL E-A FF /P and 5 g/Kg of CATALIZADOR E-FF to improve general fastness overall.

REMARKS

- Paste preparation procedure:
  Add 40 g/kg of REDUCTOR H-113 to ASUPRINT DISCHARGE NW, stirring and let stand 10 minutes. Stir again and print.
  This improves REDUCTOR H-113 solubility and avoids problems of levelling.
- Once printed, to avoid problems of false reductions, curing has to be done within next 12 h.
- It is recommended to test dischargeability of the background before printing.
- Once prepared, the stability of the pigment and REDUCTOR H-113 containing paste is 5 – 6 hours.
- Add between 30-50 g/kg of PROPYLENGLYCOL to decrease the viscosity.

bluesign® APPROVED

ASUPRINT DISCHARGE NW meets the bluesign® criteria

- Complies with the strict ecological and toxicological requirements of the bluesign® criteria
- Properly applied it allows a production with a minimum impact on people and the environment
- Basis for bluesign® approved textiles and accessories

For more information visit www.bluesign.com