



Sarex Chemicals

(A Divn. Of Saraf Chemicals Pvt. Ltd.)

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PRODUCT LITERATURE

DIGIPRINT-7146

Product Information

Digiprint-7146 is a coating agent which is applied on fabric by padding process before Ink-Jet printing especially on cotton, linen, Modal, Tencel and viscose fabrics. Digiprint-7146 forms surface film on the fabric which allows the ink to get absorbed in it without spreading it. This gives very sharp prints. Digiprint-7146 delivers level prints with improved color yield. The advantage of Digiprint-7146 is that it is powder product thus very high stability and gives constant viscosity and pick up compared to liquid product available in the market.

Key Features & Benefits

Key Features	Benefits
----- Ink Jet printing	Improves color yield, levelness & sharpness of prints on Cellulose fabric like cotton viscose/linen/Modal/Tencel/bamboo
Universal	Suitable for reactive inks
Easy wash-off	very good wash off properties thus keeps fabric soft.

General Characteristics

Physical appearance	: Off white to creamish powder.
Ionic nature	: Anionic
pH of 1% solution	: 6 +/-1
Miscibility	: Miscible with water
Compatibility	: Compatible with anionic and nonionic products
Stability	: Stable to dilute acids and dilute alkalies

Application

1. Ink-Jet printing on Cotton or Viscose (Reactive ink)

Padding recipe :-- Pad the ready bleach fabric



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Digiprint-7146	20 - 30 g/l
Urea	100 - 120g/l
Sodium bicarbonate	30 - 40 g/l
Super R Salt	10 - 15 g/l

Preparation method:-

Take the product as per recipe in the vessel containing hot water [for 1kg use 20 liters water (1:20)] and paste it. Then add remaining water with continuous stirring (use mechanical stirrer). After dissolving all powder add other products as per recipe and dissolve it. The solution after preparation will be completely transparent light yellow liquid.

Pad and dry at 120 to 130*c

Print the padded dry fabric on ink jet printer with reactive ink

Steaming : 100-102 deg.C, 8-12 min.

After treatment (Washing)

Cold wash : 5 mins
Neutralize with acetic acid.
Soaping : 1-2 g/l Sarakol-1583, at 90-95*c deg.C, 5 mins.
Hot wash : 3 mins at 80*c (twice)
Cold wash : 5 mins.



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Note :-

For higher GSM fabric, lesser quantity of Digiprint-7146 is required compared to lower GSM fabric.

Precautions

Storage : Store in cool, ventilated shed away from heat and direct sunlight. Storage temperature should not exceed 35 deg C. Close lids firmly to avoid contact with air and moisture.

Shelf Life : 9 months from the date of manufacturing, if stored under controlled conditions.

[The above information is given in good faith and is without warranty]
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