



Sarex Chemicals

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

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PRODUCT LITERATURE

DIGIPRINT-7146 (MOD)

Product Information

Digiprint-7146(MOD) 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(MOD) 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(MOD) delivers level prints with improved color yield. The advantage of Digiprint-7146(MOD) 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. Digiprint-7146(MOD) is economical product where only Sodium Carbonate and Super R Salt is required for padding.

Key Features & Benefits

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

General Characteristics

Physical appearance	: Creamish powder
Ionic nature	: Anionic
pH of 1% solution	: 8 +/-1
Miscibility	: Miscible with water
Compatibility	: Compatible with anionic and nonionic products
Stability	: Stable to dilute acids and dilute alkalies



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Application

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

Padding recipe :-- Pad the ready bleach fabric

Digiprint-7146(MOD)	30 - 50 g/l
Soda ash	5 - 10 g/l
Super R Salt	10 - 15 g/l
Sodium Bicarbonate	35 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.

Note :--

For higher GSM fabric, lesser quantity of Digiprint-7146 (MOD) is required compared



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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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