BASF
The Chemical Company

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Helizarin® Soft Print BCN-C
Helizarin® Soft Print BCN-D

Ready-to-use print paste for producing soft and brilliant prints with good overall fastness properties and running properties

Chemical nature	Aqueous, self-crosslinking polyacrylates compound
Physical form	Medium viscous pourable paste
Shelf life	In the original sealed containers at temperatures between 5 °C and 35 °C, Helizarin® Soft Print BCN-c and BCN-D have a shelf life of 6 months. Once containers have been opened, the contents should be used up quickly. Containers should be closed tightly after use.

Properties

pH	Approx. 8.0 – 9.0
Density (20 °C)	Approx. 1.12 g/cm^3
Viscosity	Medium viscosity
Solubility	The product is miscible with water in all proportions.
Note	The product property data merely provide an indication of how product is to be used. They do not constitute the agreed quality of the product, nor are they the object of regular quality control tests.

Application

Helizarin® Soft Print BCN-C and BCN-D products are ready-to-print, solvent-free auxiliaries preparation that allows the production of brilliant prints with good overall fastness properties. They are suitable for direct pigment printing on light colours or white ground, Especially recommend for cotton and polyester/ cotton blended fabrics printing.

Direct printing on white and pale shades ground

Helizarin® Soft Print BCN-C and BCN-D are applied by mixing with pigments directly for high performance printing.

Helizarin® Soft Print BCN-C and BCN-D are component of BASF ECO-SPEED Printing system.

Guideline recipe:

Helizarin® Soft Print BCN-C	X
Helizarin® Soft Print BCN-D	Y
Helizarin® ECO Pigments	Z
	1000g
Viscosity (dpa.s) HAAKE VT-02	50-80

Remark:

X = Pigments concentration Z x 16 (For higher performance, adjust to 17 or 18)

Y = 1000-X-Z

Z ≦ 60g/kg

Viscosity

It requires different viscosity for various printing designs and application, Lutexal Thickener HIT Plus can be added while mixing to thickening print paste.

Fixation

Optimum fastness properties are obtained by proper hot air curing as follow:

150 °C x 4 – 5 minutes

Safety

When using this product, the information and advice given in our **Safety Data Sheet** should be observed. Due attention should also be given to the **precautions** necessary for handling chemicals.

Note

The data contained in this publication are based on our current knowledge and experience. In view of the many factors that may affect processing and application of our product, these data do not relieve processors from carrying out their own investigations and tests; neither do these data imply any guarantee of certain properties, nor the suitability of the product for a specific purpose. Any descriptions, drawings, photographs, data, pro-portions, weights etc. given herein may change without prior information and do not constitute the agreed contractual quality of the product. It is the responsibility of the recipient of our products to ensure that any proprietary rights and existing laws and legislation are observed. Responsibility for compliance with the requirements of the downstream textile market rests with the textile processor.