



# Sarex Chemicals

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

501 Waterford, C Wing, C.D.Barfiwala Marg(Juhu Lane), Andheri(W),Mumbai 400 058. INDIA

Phone +91 22 42184218

Fax +91 22 42184350

Email : tcmktg@sarex.com

URL www.sarex.com

## PRODUCT LITERATURE

### CELLBIND-213

#### Product Information

Cellbind-213 is an APEO/NPEO free binder for pigment printing of cellulosic and its blends. It gives very good brightness and feel to printed fabrics. It increased the resistance to abrasion. It imparts very good wash and rubbing fastness.

#### Key Features & Benefits

Key Features

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Handle

Benefits

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Feel of fabric not affected

#### General Characteristics

Physical appearance : Off white liquid

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

#### Application

\* For pigment printing, it is very essential that the fabric should be acidic around pH 5.5 to 6.

\* To get good sharp print, the fabric should be free of salts before printing.

Paste preparation

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Take recommended quantity of Cellbind-213. Add 20% water and pigment emulsion as per shade depth. Then add Urea with stirring. Then add slowly half the quantity of synthetic thickener so that paste becomes thick. Add liquor ammonia and fixer. Then add balance water with stirring. Finally add balance synthetic thickener till required viscosity is achieved. Stir it further 10 mins. to built viscosity and smoothness.

RECIPE FOR PIGMENT PRINTING

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### CELLBIND-213

For 100% Cotton (Woven or Knits)

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Pigment emulsion	upto 1%	above 1% upto 4%	above 4%
Cellbind-213	8%	12%	3 times the pigment
Synthick P-328	1.5%	2%	2 to 2.5%
Urea	5%	5%	5%
Saraprint-AC	--	2%	2%
Liquor ammonia		1%	2%
Water	balance	balance	balance

Process :-

Print --> Dry in the drier at temp. above 130 deg.C --> Cure at 150 deg.C for 5 mins.

For PE/Cotton blend (Max. upto 67% PE)

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Pigment emulsion	upto 1%	above 1% upto 4%	above 4%
Cellbind-213	8%	12%	3 times the pigment
Synthick P-328	1.5%	2%	2 to 2.5%
Urea	5%	5%	5%
Saraprint-AC	1%	2%	3%
Liquor ammonia	--	1%	2%
Water	balance	balance	balance

Process :-

Print --> Dry in the drier at temp. above 130 deg.C --> Cure at 150 deg.C for 5 mins.

### Precautions

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



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### CELLBIND-213

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]  
[ Prod.Code :PC561 | Last Upd. On : 27/07/18 ] [MOLL]

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