



Sarex Chemicals

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

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Anheri(W),Mumbai 400 058. INDIA

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PRODUCT LITERATURE

REATHICK-PDR

Product Information

Reathick-PDR is a sodium alginate substitute for Reactive printing on cellulosic substrates. Reathick-PDR exhibit prints with high brightness, high brilliance and high permeability. Reathick-PDR has excellent permeability with uniform colour yield. It gives much better and cleaner print than sodium alginate. It is suitable for both, Flat and Rotary screen printing.

Key Features & Benefits

Key features	Benefits
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Excellent permeability	High brightness, high brilliance with uniform colour yield

General Characteristics

Physical appearance	: Off white powder with brown particles
Ionic nature	: Anionic
pH of 1% solution	: 11 +/- 1
Miscibility	: Soluble in water
Compatibility	: Compatible with anionic and nonionic products
Stability	: Stable to dilute acids and dilute alkalies

Application

Recommended recipe:

Reathick-PDR	:	3-5%
Sod.Bicarbonate	:	4%
Super R Salt	:	1-2%
Water	:	Balance quantity
Reactive dye Solution	:	As per the requirement

Paste Preparation Method :

- It is recommended to use either demineralised water (DM water) or cooled steam condensate water for preparation of paste.

- Take the reactive dyes as per recipe.



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- Dissolve in water adding Urea and resist salt.
- Then slowly add Reathick-PDR to get desired viscosity.
- Add sodium bicarbonate just before printing and if required, adjust viscosity with addition of small quantity of Reathick-PDR.

Note: The dosages of thickener and auxiliaries can be adjusted

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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