



GBsupper pig.white

- Ready to use unique white for excellent white coverage in pigment printing & Coating & for outstanding white especially On dark ground.
 - No need to add any binder since it will be self-cross-linked after fixation.
 - Viscosity is adjusted using (GBnatural thickener FA ready to use paste) if needed.
 - It is APEO free & formaldehyde free.....& meeting eco standard 100.
 - When using it for full coverage on cotton fabrics: It shows excellent & durable UV protection than even treated fabrics with organic UV absorber.

□ ابيض ناصع للطباعة على اراضي غوامق مع ضبط القوام باستخدام (GBnatural thickener FA ready to use paste)

(GBnatural thickener FA ready to use paste) Stock paste preparation:

 Water
 : 92 kgs

 GBnatural thickner FA
 : 08 kgs

 Total
 : 100 kgs

Add GBnatural thickner FA to the water slowly with efficient stirring for at least 20 to 30 minutes, so that it will not tend to form lumps. Now stock paste is prepared. Allow the stock paste for hydration to at least 4 hours. Now you can take paste from the stock paste as per your requirement. Stock paste withstands for 48hours from the time of preparation under normal condition.













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Nature : Especial white pigment in an aqueous, & Acrylic binder system.

Pysiacl form: High viscosity paste.

FORM: Viscous liquid (@ 23c Approx. 1100 cps

COLOR: white

PH: Approx. 5

Density: 1.18

Storage : When stored properly in sealed containers, GB supper pig.white

has a shelf life of 3-6 months depending on storage condition. When a new drum is opened the contents should be well stirred.

Properties

Action : Prints produced with GB supper pig. white are fast to aging and dry-

cleaning and do not tend to yellow. Since the product has good running properties on all types of printing equipment, there is usually no need to add

other auxiliaries to improve these properties.

Applications

* Coating

GBsupper pig.white is used as a Mid COAT after base coat layer (film)

**Printing on : GBsupper pig.white is highly suitable for printing cotton, PES & cotton blends which require good stretchability,

using GBcross linker Eco or GBresin M70 eco will increase the filling coverage and grant better fastness if needed,

GB supper pig.white can be applied undiluted to dark or black grounds to give matt white or in combination with GB super pigments – matt coloured prints with good covering properties and stretchability.

















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***Printing on light grounds:

For printing on light knit grounds, GBsupper pig.white can be used as its or diluted with a reduction, e.g. In the ratio 1:3. This usually causes a fall in viscosity, which must be corrected by adding (GBnatural thickener FA ready to use paste)

Preparation of reduction

(a) Reduction emulsion containing white spirit

168 g water
40 g GBnatural thickner FA, 8%
18 g GBemulsphier FSR/New
130 g GBbinder ETOW/FM
650 g white spirit
1000 g

Print paste

300-800 g GBsupper pig.white 698-195 reduction emulsion 6-9 g GBemulsphier FSR/New 1000 g

(b) Solvent-free reduction thickening

... g Water
or
17 g GBsynthetic thickner GP
25 g GBemulsphier FSR/New
130 g GBbinder ETOW/FM
20 g
ammonia 25%

Print paste

300-800 g
697-195 g
6-9 g
GBsupper pig.white
solvent free reduction thickening
GBemulsphier FSR/New
1000 g













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Fixation :

As usual in pigment printing, a heat fixation process is necessary to obtain good fastness properties.

Optimum results are obtained with hot air:

4-5 min at 150 °C or 2-3 min at 160 - 170 °C.

Alternately the prints can be fixed with high temperature steam:

5-7 min at 160 °C...

It should be noted, however, that prints fixed with high temperature steam may have a somewhat lower standard of fastness.

Owing to the influence of electrolytes in the white paste on the synthetic thickening agent in the solvent-free reduction thickening, there may be a pronounced fall in viscosity, which is corrected by GBemulsphier FSR and GBsyn-Thickener GP With matt coloured print pastes,

GB supper pig. white is

APEO free & formaldehyde free..... & meeting eco standard 100

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

. Note: The information submitted in this publication is based on our current knowlage and experience. In view of the many factors that may affect processing and application, these data do not relieve processors of the responsibilty of carrying out their own tests and experiments; neither do they imply any legally binding assurance of certain properties or of suit-ability for a specific purpose. It is the responsibility of those to whom we supply our products to ensure that any proprietary right and existing laws and legislation are observed.













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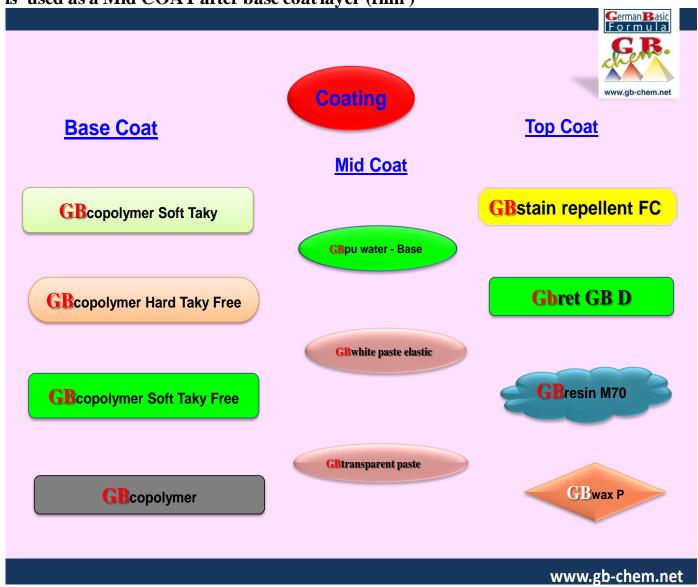
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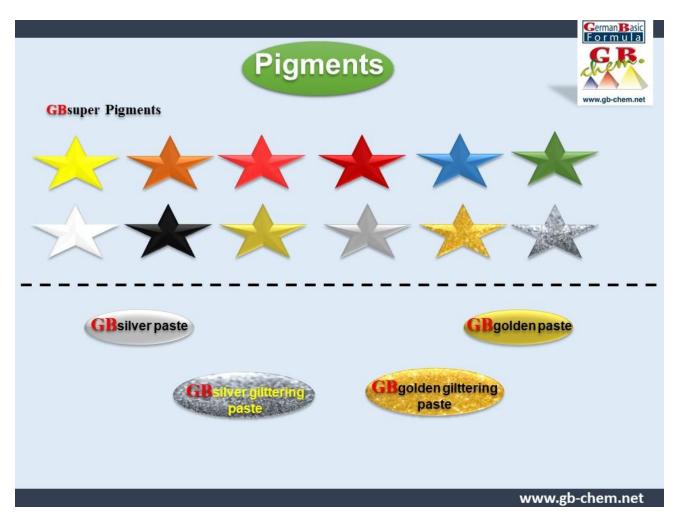
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