

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, **GBsupper 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.

Action : **Properties**
 Prints produced with **GBsupper 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.

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

<p>**Printing on dark grounds :</p>	<p>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, GBsupper pig.white can be applied undiluted to dark or black grounds to give matt white or in combination with GBsuper pigments – matt coloured prints with good covering properties and stretchability.</p>
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***Printing on light grounds:

For printing on light knit grounds, **GB**supper 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 (**GB**natural thickener FA ready to use paste)

Preparation of reduction

(a) Reduction emulsion containing white spirit

168 g water
40 g **GB**natural thickner FA, 8%
18 g **GB**emulsphier FSR/New
130 g **GB**binder ETOW/FM
650 g white spirit
1000 g

Print paste

300-800 g **GB**supper pig.white
698-195 reduction emulsion
6-9 g **GB**emulsphier FSR/New
1000 g

(b) Solvent-free reduction thickening

... g Water
or
17 g **GB**synthetic thickner GP
25 g **GB**emulsphier FSR/New
130 g **GB**binder ETOW/FM
20 g ammonia 25%
1000 g

Print paste

300-800 g **GB**supper pig.white
697-195 g solvent free reduction thickening
6-9 g **GB**emulsphier 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,

GBsupper pig.white is

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

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 information submitted in this publication is based on our current knowledge and experience. In view of the many factors that may affect processing and application, these data do not relieve processors of the responsibility of carrying out their own tests and experiments; neither do they imply any legally binding assurance of certain properties or of suitability 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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German Basic Chemical Products



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is used as a Mid COAT after base coat layer (film)



Base Coat

GBcopolymer Soft Taky

GBcopolymer Hard Taky Free

GBcopolymer Soft Taky Free

GBcopolymer

Coating

Mid Coat

GBpu water - Base

GBwhite paste elastic

GBtransparent paste

Top Coat

GBstain repellent FC

Gbret GB D

GBresin M70

GBwax P

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We formulate
German Basic Chemical Products



Pigments

GBsuper Pigments



GBsilver paste

GBgolden paste

GBsilver glittering
paste

GBgolden glittering
paste

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