



## HEMACRYL – GBX

### SPECIFICATIONS:

Composition	: Acrylic Co Polymer Emulsion
Appearance	: Milky White Emulsion
Ionicity	: Nonionic
pH	: 5.5 to 6.5
Solid Content	: 21%(+-1)
Storage Stability	: 6 months if stored in closed containers in a cool dry place away From direct sunlight

### USAGE AND TECHNICAL PROPERTIES

1. Hemacryl GBX has been specially developed for printing Gold & Silver prints.
  2. Unlike other commonly available Binder preparations for printing Gold/Silver, this binder has a unique quality of producing bright Gold/Silver effects with very soft handle in additional to high fastness property.
  3. It offers a simple method of preparing the print paste.
  4. It is necessary to homogenize the contents of packing with through hand-stirring with the help of a wooden paddle like flat stick. Mechanical stirring is avoided to eliminate risk of foaming.
  5. Ideally pretreated fabric having a neutral pH helps to get prints having brightness with long durability.
  6. It is advisable to prepare only small quantities of print paste e.g. 4-8 kgs at a time which is customary with many printers. This not only helps to control wastage by left over print pastes but also eliminates foam formation which causes problems during printing operation.
- Printing paste which are free from foaming would give trouble free printing for long vardages.



## PREPARATION OF PRINTING PASTE

70 – 73 PARTS of Hemacryl – GBX

2 – 3 PARTS of pine oil with hand stirring

25 – 20 PARTS of pale/rich Gold powder/Silver powder

2 - 3 PARTS of Fixer CCL

X PARTS of water(pH7)/Hemacryl-GBX/Binder KLN to adjust  
The consistency if required

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100 PARTS

### NOTE:

- 1.Addition of acid agent such as diammonium phosphate is not recommended as it causes tarnishing of the prints. Proper quality of cross linking agent such as Fixer CCL in adequate quantity offers satisfactory fixation of the prints.
2. When printing along with pigment colours it is advisable to provide adequate exhausts in the polymeriser to quickly expel acid fumes if any, which will save the Gold/Silver effects from tarnishing.

The information given in this technical bulletin is based on data believed to be reliable and is given in good faith. We do not guarantee the results to be obtained nor we assure any liability in this respect.