



## Binder HM-13S

### 1) Summary

Binder HM-13S is a ready to use pigment printing paste for high-mesh screen printing (up to 180/inch mesh) and is developed for Cotton, T/C, CVC and Rayon etc. both knit and woven. The printed fabric using Binder HM-13S has excellent sharpness of pattern outline and printability. Besides, HM-13S was particularly designed for the printing process by automatic carousel machine and also by flat-bed and rotary-screen machines as well as hand-printing; meaning it is clogless and the stability on the screen is excellent.

Matsumin Binder HM-13S is completely eco-friendly products and it's free of Formaldehyde, PVC, Phthalate and APEO.

### 2) Nature

	Binder HM-13S
Appearance	Milky White Paste
Viscosity	27,500 ± 2,500 mPa · s
pH	8.5 ± 0.5

### 3) Usage

{Standard Recipe}	
Binder HM-13S	100
Neo Color Pigment	~8
Fixer F	~2

### 4) N.B.

- If clogging happens due to the special circumstances, additional "Printgen EG (anti-clogging agent) 1 ~ 5% can be added.
- If the viscosity needs to be reduced, "Catalyst #3000 (reducing agent)" can be added 1 ~ 3%.
- After mixing with "Fixer F", finish up the paste within 12 hours. With "Fixer N", 150°C is required, but the ink mixed with it can be re-stored after use.
- Keep sealed after each use, and store in cool and dark place.

#### Recommended Parameters

##### Fabric Types



100% Cotton  
Cotton/ Poly Blend  
etc.

##### Screen Mesh



100~225 mesh/inch

##### Squeegee



Durometer : 70/90/70  
Square Edge

##### Flash & Cure



140°C x 2-3min.

##### Pigment



Up to 8%

##### AUXILIARIES



Fixer N  
Fixer L  
Fixer F

##### Storage



5°C~30°C

##### Clean Up



Warm water  
and mild detergent



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The above information is based on our knowledges and experiences currently available. Please, test and evaluate before the actual use.