
CHT POWDER TH

Character Reduction and discharge agent for the pigment discharge process

Chemical character Aminoiminomethanesulphinic acid

Appearance White powder

pH-value Approx. 4.0 (10 g/l)

Stabilities The product is very sensitive to frost; irreversible changes occur after the impact of temperatures around the freezing point.

Storage Store cool and dry in closed original containers in acid-free air. We recommend not to exceed a storage time of 12 months.

Properties

CHT POWDER TH is applied as discharge agent for the pigment discharge process on cellulosic fibres together with PRINTPERFECT DC Series. The dyestuff is destroyed on some parts of predyed fabric in order to achieve a certain pattern. Dyestuffs must be selected which can be discharged with CHT POWDER TH. Detailed information on the dischargeability can be generally found in the shade cards of the dyestuff manufacturers or may be requested from them. The pigment dyestuffs required for multicolour discharge must be fast to discharge. Detailed information can be taken from the shade cards of the dyestuff manufacturers.

White effects and brilliant, light-coloured pastel shades cannot always be achieved. If the temperature is not properly guided, the fibres may be damaged, in particular those of sensitive fabric qualities. We recommend to wash off the printed pieces after the fixation to remove excess discharge agent.

Recommended Recipe

975 – 850 parts	PRINTPERFECT DC Series
50 – 70 parts	CHT POWDER TH
0 – 30 parts	colour pigments fast to discharge
0 – 50 parts	TUBASSIST FIX 157 W

The finished print paste ought to be processed within 2 – 4 hours.

The powdery CHT POWDER TH must be stirred in sufficiently long, particularly with very cold print pastes, until it has completely dissolved.

The application amount of CHT POWDER TH depends on the dischargeability of the fabric quality. Good results are achieved with a concentration as of 60 g/kg.

Working Procedure

1. Print with a good penetration (125 mesh rotary screen or 43 – 90 S/T flat bed screen)
2. Drying
3. Dry heat fixation for 5 – 3 minutes at 160 – 180°C
4. Final washing or rinsing process

If the final user carries out the washing or rinsing process which we recommend after the fixation, the corresponding labels (e.g. wash before wearing) must be sewn into the fabrics. Moreover, a complete decomposition of the discharge agents through corresponding fixing terms must be given to avoid shadow discharge effects when the fabrics are piled or odour when the fabric is directly packed into plastic bags. Problems may also occur with dust or residual salt amounts on the fabric during processing or when sewing garments.

We reserve the right to modify the product and technical leaflet.

Our department for applied technique is always at your service for further information and advice.

Our technical advice and recommendations given verbally, in writing or by trials are believed to be correct. They are neither binding with regard to possible rights of third parties nor do they exempt you from your task of examining the suitability of our products for the intended use. We cannot accept any responsibility for application and processing methods which are beyond our control.

CHT GERMANY GMBH, P.O. Box 12 80, 72002 Tübingen, Bismarckstraße 102, 72072 Tübingen, Germany

Telephone: 07071/154-0, Fax: 07071/154-290, Email: info@cht.com, homepage: www.cht.com

CHT TURKEY KİMYA SAN. VE TİC.A.Ş., Akçaburgaz Mah. 3118. Sok. No:2 Esenyurt/Istanbul, Tel: :+90 212 886 79 13, Fax:+90 212 886 93 47,

Email: cht@cht.com.tr