

TUBASSIST FIX 120 W

Character	Low temperature reactive fixing concentrate for heatsetting, aqueous screen print pastes and flock adhesive dispersions. For improving the fastness levels of print effects, flockings and transfer systems; formaldehyde-free.
Chemical Structure	Crosslinking agent based on polyisocyanate, blocked
Supplied Form	Low viscosity, milky-white liquid
pH Value	6.2 – 8.4
Storage / Storability	If stored properly in a cool place between + 10 °C and + 30 °C in closed original containers, the product will hold for at least six months. Store in a cool and dry place and protect from humidity. Opened containers have to be closed airtightly.

The above given values are product describing data. Please consult the 'delivery specification' for binding product specifications. Further data about product properties, toxicological, ecological data as well as data relevant to safety can be found in the safety data sheet

Properties

Influence on Printing Result / Flocking / Fastnesses

TUBASSIST FIX 120 W is an absolutely formaldehyde-free* polyfunctional crosslinking agent which clearly improves the fastness level of heatsetting screen print pastes, flock adhesive dispersions and aqueous transfer systems, especially on textiles made of synthetic fibres or their blends with natural fibres.

Influence on Viscosity / Rheology

With the usually recommended application amounts TUBASSIST FIX 120 W does not essentially modify the behaviour of the print pastes or flock adhesive systems.

Influence on Film Properties / Handle

In general, the handle and elasticity are not modified when adding the recommended amounts.

Application Technique

Application Fields

TUBASSIST FIX 120 W is applied in pigment printing in ready for use pastes and flock adhesives. The reactive group of the fixing agent is blocked, so that with a normal application and storage of the print pastes prepared with TUBASSIST FIX 120 W a premature crosslinking won't occur.

Recommendation for Use / Processing

In general, 3.0 – 5.0 % are applied in print pastes and flock adhesives.

Working utensils can be easily cleaned with water.

Fixation Terms

The fixation terms depend on the paste system but must reach at least 120 °C for 5 min since at fixation temperatures below 120 °C the fixing agent is not efficient.

* To us formaldehyde-free means that all recipe components neither contain nor release formaldehyde during production or processing.

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.

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**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/İstanbul,
Tel:+90 212 886 79 13, Fax:+90 212 886 93 47, Email:info.turkey@cht.com**