



CROSSLINKING AGENTS

HYDROSIN[®] B-03

CROSSLINKER FOR COATING AND
TEXTILE APPLICATIONS



DESCRIPTION

HYDROSIN[®] B-03 is a fixing agent and a efficient crosslinker with an outstanding effect improvement in combination with auxiliaries for textiles. It presents very low deblocking temperature.

TECHNICAL INFORMATION

APPEARANCE	White and translucent to yellowish and opaque dispersion
IONIC CHARGE	Non ionic
pH	4 - 8
DILUTION	Miscible in all proportions with (cold) water
FLASH POINT	>100°C (212°F)
BOILING POINT	100°C (212°F)
ACTIVE MATTER	28 - 32% (wt)

SPECIAL FEATURES

- Aromatic blocked polyisocyanate.
- Designed to optimize the performance of of the resins used in the finishing and in textile printing.
- Deblocking onset temperature of active product 74°C by (DSC).
- Water based emulsion, VOC-free.
- Does not contain APEO or organotin compounds.
- DMP, DIPA and MEKO free
- Low worker exposure and low toxicology profile.

TECHNICAL SPECIFICATIONS

Solid content: **28 - 32%**
pH: 4 - 8

APPLICATIONS

HYDROSIN® B-03 is normally applied for padding and coating followed by drying and curing. Can be applied diluted to 5 – 10% weight of the resin to cure. In treatments with fluorocarbon, the dosage range is 5 – 10g/L, with a resin concentration ranging from 15 – 20g/L up to a maximum of 40 – 80g/L.

STORAGE AND STABILITY

HYDROSIN® B-03 should be stored at temperature between 5 – 30°C and in this condition, it can be kept for at least 6 months.

PERSONAL SAFETY

HYDROSIN® B-03 does not contain toxic substances. Before using this product, please carefully read the current Safety Data Sheet.

PACKAGING

- **Kg 120** / Plastic drum
- **Kg 1000** / IBC