



## CROSSLINKING AGENTS

# HYDROSIN C-21

## CROSSLINKER FOR TEXTILE APPLICATIONS



### DESCRIPTION

**HYDROSIN C-21** is a water-based blocked isocyanate. It can be used in the curing of all polyurethane and acrylic dispersion with suitable hydroxyl groups, generally improving their chemical-physical resistance.

This product provides a durable and transparent treatment to textile finishes. **HYDROSIN C-21** does not change the original appearance of the finishes.

### TECHNICAL INFORMATION

APPEARANCE	White dispersion
IONIC CHARGE	Anionic
pH	7 - 10
DILUTION	Miscible in all proportions with (cold) water
FLASH POINT	> 100°C (212°F)
BOILING POINT	100°C (212°F)
COMPOSITION	38 - 42% polymer 7 - 9% dipropylene glycol dimethyl ether 49 - 55% water

### SPECIAL FEATURES

- Excellent crosslinking power of the resins used in the finishing and in textile printing.
- Improve the efficiency of fluorocarbon products.
- Water-based emulsion - Non-flammable.
- Does not yellow the treated substrates.
- General industrial metal coating, automotive.
- Does not contain PFC, PFOA, PFOS, APEO, HDI or organotin.

### TECHNICAL SPECIFICATIONS

Solid content: **38 - 42%**

pH: **7 - 10**

## STORAGE AND STABILITY

**HYDROSIN C-21** should be stored at temperature between 5 and 30°C.

In this condition it can be kept for at least 6 months.

## APPLICATIONS

**HYDROSIN C-21** can be applied diluted to 5 - 10% in water and cured at 120 - 130°C. Hydroxylated acrylic and all the components of the coatings should be prepared at a pH of between 7,5 and 9,0 before the addition of **HYDROSIN C-21**.

## PERSONAL SAFETY

Please carefully read the current Safety Data Sheet for a safety use of the product.

## PACKAGING

- **Kg 120** / Plastic drum 1H2
- **Kg 1000** / IBC 31HA1