



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

MAFLON S.p.A.

[Società Socio Unico soggetta all'attività di direzione e coordinamento ex art. 2497 bis C.C. da parte di Mazza Holding srl]

Sede Legale

Via Soave, 7 - 20135 Milano (MI) - Italy
VAT N. IT04080020169 - C.F.: 04080020169
REG.IMPRESSE DI MI - REA 2507998

Sede Operativa

Via Don Ravizza snc - 24060 Castelli Calepio (BG) - Italy
REG.IMPRESSE DI BG - REA 433424
Ph. (+39) 035 4494301 - Fax (+39) 035 4494331
info@maflon.com - www.maflon.com