



TECHNICAL DATA SHEET

HYDROSIN NF-08

CROSSLINKER FOR TEXTILE APPLICATIONS

DESCRIPTION

HYDROSIN NF-08 is a water-based stabilized crosslinking agent. It improves water and oil repellency of fluorocarbon textile products. Moreover, it can be used in the curing of all polyurethane and acrylic dispersion, generally improving their chemical-physical resistance. This product provides a durable and transparent treatment to textile finishes. HYDROSIN NF-08 does not change the original appearance of the finishes.

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
- ❖ Not contain PFC, PFOA, PFOS, APEO or organotin.

APPLICATIONS

HYDROSIN NF-08 can be applied by padding, diluted with cold water at least 1:1 and then added to the finishing bath. Depending on the purpose the application amount is 5 – 20 g/l or about 10 - 20% of the whole formulation.

TECHNICAL INFORMATION

APPEARANCE	Milky white dispersion
IONIC CHARGE	Nonionic
pH	7 – 9
DILUTABILITY	Miscible in all proportions with (cold) water
FLASH POINT	>100°C (212°F)
BOILING POINT	100°C (212°F)
ACTIVE MATTER	37 – 41% (wt)

TECHNICAL SPECIFICATIONS

Solid content: 37 – 41%
pH: 7 – 9

PERSONAL SAFETY

HYDROSIN NF-08 does not contain toxic substances. Before using this product, please read the current Material Safety Data Sheet.

STORAGE AND STABILITY

HYDROSIN NF-08 should be stored at temperature between 5 – 30°C and in this condition it can be kept for at least 6 months. The product is moisture sensitive.

PACKAGING

- ❖ Kg 120 – Plastic Drum
- ❖ Kg 1000 – Plastic Drum



Certificate N. EN1339

MAFLON SPA

(Società Socio Unico Soggetta all'attività di direzione e coordinamento ex art.2497 bis C.C. da parte di Mazza Holding srl)

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NOTES FOR APPLICATIONS

❖ **100 % PES**

10-40 g/l Fluorocarbon resin
2-5 g/l HYDROSIN NF-08
0,2 ml/l Acetic acid 60%

- Pad at 50-70% pickup
- Cure 20-30 sec at 170-180°C

❖ **PES/CO or 100% Cotton**

30-50 g/l Fluorocarbon resin
5-10 g/l HYDROSIN NF-08
1 ml/l Acetic acid 60%

- Pad at 50-70% pickup
- Cure 2-4 minutes at 150-160°C or 20 sec at 175-180°C



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