



# LEATHER, WATER & OIL REPELLENTS



HEXAFOR® // HYDROSIN®  
LEATHER FINISHING

# LEATHER REPELLENTS



## HEXAFOR® PRODUCT OVERVIEW:

HEXAFOR® fluoropolymers are specifically developed to provide water and oil repellence on various materials as fabric, leather, carpet and footwear. They create an easy to clean and anti-stain surface, without changing the original appearance. All of our C6 HEXAFOR® fluoropolymers are Perfluorooctanesulfonic acid (PFOS) and Perfluorooctanoic acid (PFOA) free.

## PROPERTIES:

- EXCELLENT WATER AND OIL REPELLENCE
- HIGH WASHING RESISTANCE
- SOIL-RELEASE EFFECT
- ACTIVE STAIN REPELLENCE
- DRY CLEANING RESISTANCE
- COMPATIBLE WITH DIFFERENT ADDITIVES (as wetting agents, extenders, resins, etc)
- ABRASION RESISTANCE
- THE ORIGINAL APPEARANCE OF THE TREATED MATERIALS DOES NOT CHANGE
- CANNOT BREAK DOWN INTO PFOA AND PFOS
- PFOA CONTENT BELOW THE LIMIT OF DETECTION

## LEATHER, TEXTILE AND FOOTWEAR WATER & OIL REPELLENTS

HEXAFOR® PRODUCTS	IONIC NATURE	CHEMICAL DESCRIPTION	MEDIUM	VOC CONTENT	ACTIVE SUBSTANCE	pH
L-109	Anionic	Polyurethane in water	Water	0,1%	20%	6,5-8,5
6280	-	Pure methacrylic polymer in solvent system	Butyl acetate	75%	25%	-
6282	-	Pure methacrylic polymer in solvent system	DPM + Hydrocarbon solvent	75%	25%	-
6284	-	Pure methacrylic polymer in solvent system	Butyl acetate	75%	25%	-

## LEATHER FLUORINE FREE WATER REPELLENTS

HYDROSIN® PRODUCTS	IONIC NATURE	CHEMICAL DESCRIPTION	MEDIUM	VOC CONTENT	ACTIVE SUBSTANCE	pH
L-1009	Anionic	Polyurethane	Water	-	19 - 21%	7-10
L-1010	Cationic	Modified silicone polymers	Water / Diethylene Glycol Monobutyl Ether	10%	15 - 17%	3,5-5,5
L-1011	-	Modified silicone polymers	Ethylhexanol	80%	19 - 21%	-

## HYDROSIN® - PRODUCT OVERVIEW:

HYDROSIN® products can be applied by any conventional method and they can ensure excellent resistance against water on footwears, gears and gloves, nappalan finishes, suede, nubuck and full grain leathers. They can be used both in pre-coats and top-coats leather.

HYDROSIN® enables to provide waterproof protection on various products. All of our HYDROSIN® products are fluorine-free.

### PROPERTIES:

- EXCELLENT RESISTANCE TO WATER SPOTTING
- THE ORIGINAL APPEARANCE OF THE FINISHES DOES NOT CHANGE
- ABRASION RESISTANCE
- DURABLE WATER REPELLENCE
- LOW CURING TEMPERATURE



SOLUBILITY	TYPICAL DILUTION	FEATURES & BENEFITS
Water	10-15%	Water-based fluorinated polymer. It provides a durable and transparent surface treatment creating a protective layer against oil, water, coffee, ketchup, wine, etc. on outwears, footwears, gloves and accessories. The treated surfaces are easy to clean. It doesn't require heating curing treatment.
Esters Ketones Mineral spirit	5-10%	Waterproof coating for textiles, especially for footwear. When applied on leather, it provides an extremely durable water and oil repellent treatment with high UV resistance. Aerosol applications are tested by TNO (Netherlands) following augmented OECD guidelines for the testing of chemicals 403.
Esters Ketones Mineral spirit	5-10%	Finishing product for extremely durable water and oil repellent treatment with high UV resistance for leather-made materials. It ensures a high Flash Point (>70°C) and low odour.
Esters Ketones Mineral spirit	5-10%	Finishing product for extremely durable water and oil repellent treatment with high UV resistance for leather-made materials.

SOLUBILITY	TYPICAL DILUTION	FEATURES & BENEFITS
Water	10-20%	It provides durable and transparent hydrophobic treatment to leather finishes.
Water	10-25%	It provides durable and transparent treatment to leather finishes, improving their soft-touch and texture. The treated surface shows high water-repellence and rainproof effect.
IPA	10-20%	Finishing product for extremely water repellent treatment with high UV resistant for leather-made materials.



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