

Leather, Textile and Footwear Water & Oil Repellents



HEXAFOR®
LEATHER FINISHING



Leather, textile and footwear water & oil repellents

PRODUCT OVERVIEW:

Hexafor® fluoropolymers are specifically designed to make a water- and oil- repellent coating on various materials as fabrics, leather, carpet and footwear. They make also the substrates stain resistant without changing their natural appearance and making them easy to clean. 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
- Resistant to dry cleaning
- Resistant to abrasion
- Compatible with additives (wetting agents, extenders, resins, etc)
- The original appearance of the treated materials does not change
- Cannot break down into PFOA and PFOS
- PFOA content below the limit of detection

PRODUCTS	IONOGENITY	ACTIVE SUBSTANCE	CHEMICAL DESCRIPTION	FEATURES & BENEFITS
HEXAFOR® L 109	Anionic	20%	Polyurethane in water	Water-based fluorinated polymer. It provides a durable and transparent surface treatment with optimal protective barrier against oil, water, coffee, ketchup, wine, etc. on outerwear, footwear, gloves and accessories. The treated surfaces are easy cleanable. No curing is required.
HEXAFOR® 6280	-	25%	Pure methacrylic polymer in solvent system	Waterproof coating for textiles, especially for footwear. It provides an extremely durable water- and oil- repellent treatment with high UV resistance when applied on leather. Aerosol applications are tested by TNO (Netherlands) following augmented OECD guidelines for the testing of chemicals 403.
HEXAFOR® 6282	-	25%	Pure methacrylic polymer in solvent system	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 a little smell.
HEXAFOR® 6284	-	25%	Pure methacrylic polymer in solvent system	Finishing product for extremely durable water- and oil- repellent treatment with high UV resistance for leather-made materials.

APPLICATIONS & PHYSICAL PROPERTIES

MAFLON HEXAFOR®		L109	6280	6282	6284
General Product Description		Water-based industrial leather protector	Solvent-based protector	High performing solvent-based protector	High performing solvent-based protector
Product Properties	Ionic Nature	Anionic	-	-	-
	% Solids	20	25	25	25
	pH	6,5 – 8,5	-	-	-
	Medium	Water	Butyl acetate	DPM + Hydrocarbon solvent	Butyl acetate
	VOC Content	0,1%	75%	75%	75%
	Density	1,031	0,968	1,106	0,970
	Solubility	Water	Esters Ketones Mineral spirit	Esters Ketones Mineral spirit	Esters Ketones Mineral spirit
Formulating Information and Application	Typical Dilution	10 – 15%	5 – 10%	5 – 10%	5 – 10%
	Curing	No	No	No	No
	Frosted Leather	●●●	●●●	●●●	●●●
	Nubuck	●●●	●●●●	●●●●	●●●
	Suede	●●●	●●●	-	●●●●
	PVC Leather	-	-	●●●●	-
	PU leather	-	-	●●●●	-

- = Recommended;
 ●●●● = High Performance;