

Hydrophobing & Hydrophilizing Agents



PRODUCTNAME	APPLICATION AREA	DESCRIPTION
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Hydrophobing agents

POLYGON P-357 NEW	Waterproofs glass, ceramic and metal. Used as a drying aid and paint preservative in car care.	Forms water-repellent protective coatings on all surfaces and regenerates embrittled paint surfaces. Free of hydrocarbon solvents, silicones and dimethyl-distearyl-ammonium chloride. Has an antistatic effect on plastics.
POLYGON P-360	Ready-to-use formulation of a water repellent based on POLYGON PC 2357.	15% concentrate, can be diluted in a ratio of up to 1: 1000. Antistatic properties on plastic.
POLYGON P-366	Ready-to-use, water-dilutable concentrate of a hydrophobing agent with even faster water-absorbing properties. Can be used in car care.	Free from hydrocarbon containing solvents and distearyl dimethyl ammonium chloride. Can be made up to a commercial hydrophobing agent/drier by adding water and can be used directly by diluting it up to 1:1000. Antistatic properties on plastic.
POLYGON P-409 NEW	Concentrated water-repellent on a cationic basis with no environmentally hazardous classification. Free of silicones and microplastics.	Water repellents for paints and other surfaces. Can be made up by adding water to a commercially available water repellent / dryer or diluted 1:1000 to 1:2000, used directly. Antistatic properties on plastic.
POLYGON P-443	Hydrophobing agent for glass surfaces.	Builds up easy-to-clean surfaces.

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Hydrophilizing agents

POLYGON W-666	Gloss activating agent for highly efficient acid glossy dryers with a low COD (chemical oxygen demand).	Replaces completely or partially organic acids such as citric acid, mixtures of carboxylic acids etc. good solubilizer for sparingly soluble non-foaming, non-ionic substances. Increases the cloud point more than regular hydrotropes. Reduces the consumption of non-ionic surfactants by up to 30%. Corrosion inhibiting.
POLYGON W-844	Additive for hydrophilizing surface modification.	Exceptional wetting properties on any type of surface. Forms a coherent film of water that runs off without stains.
POLYGON W-980	Hydrophilic aqueous polymer, that creates an invisible barrier on hard surfaces and a hydrophilic self-cleaning / easy-to-clean surface.	It is quickly absorbed by hard surfaces including clear coat, paint, glass, aluminum, steel, plastic, masonry and ceramic. Ensures spot-free drying and acts as an anti-fog agent in cleaning and treating agents for hard surfaces. Compatible with non-ionic, anionic, amphoteric and some cationic materials and works in neutral, acidic, alkaline and peroxide environments.