

Masurf[®]

Surface Protection Agents & Concentrates

Grade	Masurf Fluoroaliphatic Oligomers & Polymers
Masurf FS-810	MASURF FS-810 is an 11% active fluoroaliphatic polyacrylate oligomer in a water/glycol solution. FS-810 is a weakly hydrophilic fluoropolymer with a wide range of Surface Protection applications. Use FS-810 in Carpet Spotters and Shampoos, Floor Cleaners, and Floor Finishes and Sealers . FS-810 is stable in anionic and cationic systems, and effective in high or low pH. In textile finishing, FS-810 imparts exceptional soil resistance through Soil and Stain Release . As a Surfactant, MASURF FS-810 is an effective foaming agent for alcohols .
Masurf FP-815 CP	The improved MASURF FP-815 CP is a 16% active fluoroaliphatic polyacrylate polymer in a water/glycol solution. FP-815 CP is designed specifically for protecting nylon, polyester, wool and acrylic carpeting and upholstery . MASURF FP-815 CP imparts exceptional cleanability, soil release performance, dry soil resistance with water & oil repellency. Compare to Zonyl 7950 .
Masurf FS-910	MASURF FS-910 is an 11% active fluoroaliphatic polyacrylate oligomer in a hydrocarbon solution. MASURF FS-910 can be formulated into Surface Protectant products to impart water and oil repellency with soil and stain protection to porous and non-porous surfaces. As a Surfactant , MASURF FS-910 is an effective foaming agent for hydrocarbons and d-Limonene , and an efficient wetting agent in non-aqueous systems such as coatings and adhesives . As a surfactant, Compare to Fluorad FC-430, and Fluorad FC-740 in Oil Well Stimulation Fluid applications .
Masurf FP-130 FP-230	MASURF FP-130 and FP-230 are 30% fluoroaliphatic polyacrylate fluoropolymers that impart excellent water and oil repellency properties to most types of fabrics , either natural or synthetic, and recommended for use on leather and non-woven fabrics. Both grades can be used in exhaustion applications such as commercial laundry . MASURF FP-130 and FP-230 finishes will withstand multiple laundry and dry cleaning cycles while maintaining a high level of water and oil repellency. FP-230 is modified for softer hand.
Masurf FP-320	MASURF FP-320 is a 22% active water-based fluoroaliphatic urethane copolymer that imparts resistance to soiling, oil repellency and water repellency . FP-320 works effectively on the various fibers and nonwoven fabrics used in apparel, automotive and household upholstery, and other home furnishings. Application can be done by spraying, followed by complete drying at ambient temperature. Dilution of 8-16 ounces/gallon is sprayed at approximately 1 gal. per 600 square feet. When formulated with polymer coalescent agents such as ethyleneglycol monobutyl ether, FP-320 provides exceptional water & oil repellency to leathers and concrete/stone surfaces .

Grade	Masurf Fluoroaliphatic Oligomers & Polymers
Masurf FP-420	<p>MASURF FP-420 is a 20% active fluoroaliphatic acrylate copolymer that imparts resistance to soiling, oil repellency and water repellency. FP-420 works effectively on the various fibers and nonwoven fabrics used in apparel, automotive and household upholstery, and other home furnishings. FP-420 provides exceptional water & oil repellency to leathers and concrete/stone surfaces.</p> <p>Application can be done by spraying, followed by complete drying at ambient temperature. Dilution of 8-16 ounces/gallon is sprayed at approximately 1 gal. per 600 square feet. <i>For Stone Care, Compare to Zonyl 8740.</i></p>
Masurf FP-530	<p>MASURF FP-530 is a 30% fluoroaliphatic polyacrylate amphoteric fluoropolymer emulsion that imparts excellent resistance to soiling, oil repellency and water repellency. FP-530 imparts transparent, durable, subsurface soil resistance to a wide range of porous mineral surfaces such as concrete, unglazed tile, brick and marble. Application can be done by spraying, followed by complete drying at ambient temperature. Dilution of 8-16 ounces/gallon is sprayed at approximately 1 gal. per 600 square feet. When formulated with polymer coalescent agents such as ethyleneglycol monobutyl ether, FP-530 provides exceptional water & oil repellency to concrete and stone surfaces.</p> <p><i>For Stone Care, Compare to Zonyl 8740.</i></p>
Masurf SP-135 & SP-245	<p>Masurf SP-135 and Masurf SP-245 are specially modified polymers optimized for Surface Protection of bathroom, shower and related surfaces subject to soap-film and similar soils. Utilizing Mason StayClean™ Technology, Masurf SP-135 and Masurf SP-245 treated surfaces repel soap-film, soap-scum, and bathroom grime build-up by creating a highly effective invisible soil barrier. Masurf SP-135 and Masurf SP-245 treatment leaves surfaces shiny with no dulling residue while effectively repelling soils to keep bathroom surfaces cleaner longer.</p>
Masurf SP-320	<p>Masurf SP-320 is a functionalized cationic polymer designed to impart Surface Protectant and Soil Resistance and release properties to treated surfaces, optimized for cleaning of hard surfaces. Utilizing Mason StayClean™ Technology, Masurf SP-320 treated surfaces repel resoil by creating a hard, highly effective invisible soil barrier. When incorporated into hard surface cleaners, Masurf SP-320 forms an anti-soiling barrier that leaves surfaces shiny with no dulling residue while effectively repelling soils to keep cleaned surfaces cleaner longer.</p>
Masurf SP-430/SP-430R	<p>Masurf SP-430/SP-430R is a unique functionalized polymer system designed to impart a readily removable surface protectant and soil resistant coating. Utilizing Mason StayClean™ Technology, Masurf SP-430 treated surfaces resist weathering, corrosion, abrasion and will not corrode when repeatedly insulted with acids and salt by creating a hard, highly effective invisible protectant barrier for metal and painted surfaces. Designed with Masurf SP-430R release agent, Masurf SP-430 can be applied and re-applied to hard surfaces, to form a colorless barrier that resists damage and degradation from corrosion, staining and abrasion.</p> <p>Masurf SP-430 is a sacrificial polymeric coating, designed to be easily removed with a 1:64 solution of Masurf SP-430R, that forms a durable, colorless coating that will withstand extremes of moisture and temperature while protecting surfaces from corrosive agents and abrasive particulate matter. Masurf SP-430 treatment is ideally suited for protection of metal and painted surfaces such as OEM Automotive and Equipment, Construction and Rental equipment, Automotive Detailing and Wheel Protection (Brake Dust) Products, and Metal Stock in storage or transit.</p>

Masurf FS-Fluorosurfactants and Masurf FP-Fluoropolymers do not contain PFOS/PFOA. Masurf FS and FP products are manufactured with telomerization process fluoroaliphatic intermediates that do not contain, release or have been shown to degrade to perfluorooctane sulfonate (PFOS) or perfluorooctanoic acid (PFOA).

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