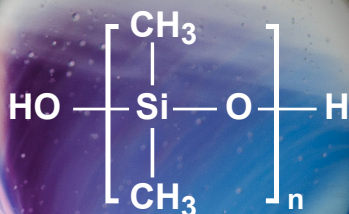
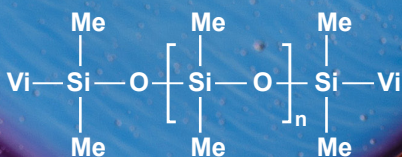


Masil[®]

Wide range of silicone-based products



Masil[®] Silicone-based Products

DyStar provides a wide range of silicone-based products under the Masil[®] brand. The range includes basic fluids, functionalized fluids, reactive fluids, aqueous emulsions, and reactive emulsions. Our specialty silicones, known as “Masil[®] Ultra” impart properties such as enhanced wetting and leveling, anti-blocking and tack resistance, surface lubricity for slip and mar resistance, water resistance, dirt pickup resistance, and adhesion.

We also custom manufacture sealers and admixtures for the construction industry.

Basic Fluids

Product	Description	Typical Usage Pattern
Masil [®] SF 0.65	Hexamethyldisiloxane	Solvent / Reagent
Masil SF 5	Dimethyl Polysiloxane	Lubricants, Mold Release Agents, Anti-blocking Treatments in Paper Manufacture, Automobile & Furniture Polishes, Dielectric & Damping Media, Defoamer
Masil SF 100	Dimethyl Polysiloxane	Lubricants, Mold Release Agents, Anti-blocking Treatments in Paper Manufacture, Automobile & Furniture Polishes, Dielectric & Damping Media, Defoamer
Masil SF 350	Dimethyl Polysiloxane	Lubricants, Mold Release Agents, Anti-blocking Treatments in Paper Manufacture, Automobile & Furniture Polishes, Dielectric & Damping Media, Defoamer
Masil SF 500	Dimethyl Polysiloxane	Lubricants, Mold Release Agents, Anti-blocking Treatments in Paper Manufacture, Automobile & Furniture Polishes, Dielectric & Damping Media, Defoamer
Masil SF 1000	Dimethyl Polysiloxane	Lubricants, Mold Release Agents, Anti-blocking Treatments in Paper Manufacture, Automobile & Furniture Polishes, Dielectric & Damping Media, Defoamer

**Number indicates the typical viscosity in centistokes of the fluid*

Functionalized Fluids

Product	Description	Typical Usage Pattern
Masil® SF 19	Polyglycol Functionalized Silicone	Super-wetting surfactant, lubricant for plastics, flow and leveling in coatings systems, dispersion aids, emulsifiers
Masil Ultra MF UV-EB	Multi-Functional Acrylate Functional Silicone	Slip and Mar - UV Inks, Varnishes, and Coatings

Reactive Fluids

Product	Hydroxy Terminated Reactive Fluid	Methyl Hydrogen Dimethyl Polysiloxanes	Vinyl Functional Silicone Polymer	Typical Usage Pattern
Masil® SFR 70	✓			Plasticizer for silicone elastomers, silicone water repellents, hydrophobizing silica
Masil SFR 100	✓			Plasticizer for silicone elastomers, silicone water repellents, hydrophobizing silica
Masil SFR 750	✓			Textiles, Paper Coatings, Water-repellent coating formulations
Masil SFR 2000	✓			Textiles, Paper Coatings, Water-repellent coating formulations
Masil SFR 3500	✓			Textiles, Paper Coatings, Water-repellent coating formulations
Masil SFR 20,000	✓			RTV sealants, adhesives, coatings and mold making products
Masilwax™ Base 135		✓		Precursor to modified polyorganosiloxanes; Cross-linking and chain extending agent in vinyl silicone elastomers
Masil SF MH		✓		Modification of polyester and methacrylic resins; Waterproofing and impregnating agent for textiles, paper and leather; Hydrophobizing agent
Masil XL-1 Crosslinker		✓		Encapsulation / Potting Compounds
Masil SF 201			✓	Encapsulation / Potting Compounds
Masil SF 202			✓	Encapsulation / Potting Compounds

*(SFR) Number indicates the typical viscosity in centistokes of the fluid



Aqueous Emulsions – both products are cleared under numerous sections of 21 CFR, and are also Nestlé and Swiss Ordinance compliant. Safe for use in food printing and packaging.

Product	Description	Typical Usage Pattern
Masil® Ultra SL 1000	Aqueous Emulsion - Slip and Mar Resistance	Slip and Mar - WB Inks, Varnishes, and Coatings
Masil Ultra SL 3500	Aqueous Emulsion - Slip and Mar Resistance	Slip and Mar - WB Inks, Varnishes, and Coatings

Reactive Emulsions

Product	Description	Typical Usage Pattern
Masil® Ultra MF 8200	Multi-Functional Reactive Silicone Emulsion	Hydrophobicity, Stain Resistance, DPUR, Anti-Blocking - Coatings and Sealers
Masil Ultra MF 8201	Multi-Functional Reactive Silicone Emulsion	Hydrophobicity, Stain Resistance, Adhesion - Coatings and Sealers
Masil Ultra MF 8219	Multi-Functional Reactive Silicone Emulsion	Hydrophobicity, Stain Resistance, DPUR, Anti-Blocking - Coatings and Sealers

Sealers

Product	Description	Typical Usage Pattern
Masil® Ultra CS 1000	Reactive Hyper-Functional Sealer	Exterior concrete/pavers - reactive penetrating sealer
Masil Ultra CS 1010	Reactive Hyper-Functional Sealer	Polished concrete - reactive penetrating sealer
Masil Ultra CS WB1	Silicone Modified Acrylic Emulsion Sealer	Polished concrete - film forming sealer

Committed to Sustainability

At DyStar, our products and services help customers worldwide reduce costs, shorten lead times and meet stringent quality and ecological specifications.

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