



MICRO POWDERS, INC.
High Performance Wax Additives

EMULSIONS

Emulsion based products can be improved with Micro Powders additives by providing increased playtime, luxurious texture, matting, oil absorption or exfoliation. Whether it's in creams or lotions for skincare or sunscreens, Micro Powders micronized wax solutions provide luxury performance at a mass market price.

RECOMMENDED PRODUCTS

TYPICAL PROPERTIES

(Selector Guide on reverse side)

Product	Melt Point (°C)	Density (g/cc@25°C)	Mean Particle Size (µm)
Micropoly 250S	129 - 131	0.97	2.0 - 4.0
Micropoly 220L	123 - 125	0.96	8.0 - 10.0
Micropoly 1160S	109 - 112	0.92	15.0 - 20.0
Mattewax 511	160 - 170	0.86	10.0 - 15.0
Microslip 519	>316	2.20	5.0 - 6.0
Microslip 519L	>316	2.20	11.0 - 13.0
Microslip 1260	>316	2.20	5.0 - 6.0
Microsilk 418	115 - 118	0.99	10.0 - 12.0
Microsilk 419	121 - 124	1.10	9.0 - 11.0
Microsilk 920	160 - 170	1.14	7.0 - 11.0
Microsorb 988S	110 - 114	1.31	22.0 - 30.0
Microsorb 944S	108 - 112	1.27	27.0 - 33.0
Naturesorb 1000	83 - 86	1.34	22.0 - 30.0
Ecosoft 608	150 - 160	1.25	16.0 - 20.0
Ecosoft 608XF	150 - 160	1.25	8.0 - 12.0
Ecosoft 611	140 - 150	1.11	8.0 - 12.0
Naturesoft 800	N/A	1.50	7.0 - 12.0
Synscrub Series	108 - 113	0.95	Wide Range Available
Synscrub Colors	108 - 113	0.95	Wide Range Available
Ecoscrub Series	150 - 160	1.25	Wide Range Available
Ecocolors	150 - 160	1.25	Wide Range Available
Bioscrub Series	170 - 180	1.25	Wide Range Available
Bioscrub Colors	170 - 180	1.25	Wide Range Available
GelMatte 511	N/A	0.83	10.0 - 15.0
GelCream 114S	N/A	0.79	6.0 - 8.0
GelSlip 519	N/A	1.00	5.0 - 6.0

EMULSIONS SELECTOR GUIDE

● Extremely Effective ● Very Effective ○ Effective

🌿 Natural Based

Product	INCI Name	Suggested Use Level	Form**	Oil Absorption	Mattifier	Long Wear	De-tackify	Spreadability	SPF Boosting	Slip/Lubricity	Exfoliation	Visual Effect	Improved Texture	Soft Focus/Line Filling	Structure/Rheology
Micropoly 250S	Polyethylene	1.0-3.0%	M				○	●					●	●	
Micropoly 220L	Polyethylene	1.0-3.0%	M				●	●		○			●		
Micropoly 1160S	Polyethylene	1.0-10.0%	M					○		○			●	●	
Mattewax 511	Polypropylene	1.0-5.0%	M		●	●			●				●		
Microslip 519/519L	PTFE	1.0-5.0%	M	○		●	●	●	●	●			●		
Microslip 1260	PTFE TiO ₂	1.0-5.0%	M	○			○		●	●			○	○	
Microsilk 418	Polyethylene PTFE Synthetic Wax*	1.0-10.0%	M			●	●	●		●			●		
Microsilk 419	Polyethylene PTFE	1.0-10.0%	M			●	●	●		●			●		
Microsilk 920	Polypropylene PTFE	1.0-10.0%	M		●	●	○			○			●	○	
Microsorb 988S	Synthetic Wax* Calcium Silicate Silica	1.0-10.0%	M	●	●		●						●	●	
Microsorb 944S	Polyethylene Calcium Silicate Silica	1.0-10.0%	M	●	●		●						●	●	
🌿 Naturesorb 1000	Copernicia Cerifera (Carnauba) Wax Calcium Silicate	1.0-10.0%	M	●	●		●						●	●	
🌿 Ecosoft 608 / 608XF	Polylactic Acid	1.0-5.0%	M		●	●				○			●		
🌿 Ecosoft 611	Polylactic Acid Copernicia Cerifera (Carnauba) Wax	1.0-10.0%	M			●				○			●		
🌿 Naturesoft 800	Cellulose	1.0-5.0%	M	●			●	●					●		
Synscrub Series	Synthetic Wax*	1.0-5.0%	M								●				
Synscrub Colors	Synthetic Wax* (Others dependent on Color)	0.2-1.0%	M								●	●			
🌿 Ecoscrub Series	Polylactic Acid	1.0-5.0%	M								●				
🌿 Ecocolors	Polylactic Acid (Others dependent on Color)	0.2-1.0%	M								●	●			
🌿 Bioscrub Series	Polyhydroxybutyrate	1.0-5.0%	M								●				
🌿 Bioscrub Colors	Polyhydroxybutyrate (Others dependent on Color)	0.2-1.0%	M								●	●			
GelMatte 511	Polypropylene Isohexadecane Bis-Stearyl Ethylenediamine Neopentyl Glycol Stearyl Hydrogenated Dimer Dilinoleate Copolymer Polyhydroxystearic Acid	1.0-10.0%	G		●	●			●				●		●
GelCream 114S	Synthetic Wax* Isohexadecane Bis-Stearyl Ethylenediamine Neopentyl Glycol Stearyl Hydrogenated Dimer Dilinoleate Copolymer Polyhydroxystearic Acid	1.0-10.0%	G			○		●		○			●	○	●
GelSlip 519	PTFE Isohexadecane Bis-Stearyl Ethylenediamine Neopentyl Glycol Stearyl Hydrogenated Dimer Dilinoleate Copolymer Polyhydroxystearic Acid	1.0-10.0%	G	○		●	●	●	●	●			●		●

**M = Micronized Powder, G = Gel

*Synthetic wax or paraffin are acceptable INCI names

