



MICRO POWDERS, INC.
High Performance Wax Additives

Wood Coatings

The natural beauty of a coated wood surface can be protected and enhanced with additives that improve scratch and mar resistance, add lubricity, and impart a smooth surface feel. Micro Powders' products can enhance these properties while providing texture, gloss reduction, water beading, and more.

Recommended Products Typical Properties

(Selector Guide on reverse side)

Product	Melt Point (°C)	Density (g/cc@25°C)	Mean Particle Size (µm)	Max. Particle Size (µm)
AquaBead R331E	80	1.00	Sub-micron aqueous emulsion	
AquaBead 519	126 - 132	0.94	6.0 - 8.0	22.00
AquaBead 525E	60	1.00	Sub-micron aqueous emulsion	
AquaPolyfluo 411	117 - 123	1.02	6.0 - 8.0	22.00
AquaSuperslip 6550	124 - 135	0.97	6.0 - 7.5	22.00
MicroKlear 418AL	81 - 86	1.04	6.0-8.0	22.00
MicroMatte 1213UVW	150 - 156	1.07	5.0 - 7.5	22.00
Micropro 400	140 - 143	0.94	4.5 - 7.5	22.00
Micropro 500	141 - 143	0.95	4.5 - 7.5	22.00
MicroTouch 800XF	N/A	1.05	7.0 - 9.0	31.00
MicroTouch 850XF	N/A	1.02	5.0 - 8.0	31.00
MP-22XF	102 - 106	0.93	5.0 - 6.0	22.00
MPP-611AL	109 - 115	0.99	3.5 - 5.5	15.56
MPP-620VF	114 - 116	0.96	5.0 - 7.0	22.00
NatureFine R331	77 - 82	0.97	6.0 - 10.0	31.00
NatureMatte 31	170 - 180	1.25	7.5 - 10.5	31.00
Polyfluo 523AL	113 - 117	1.09	3.5 - 5.5	15.56
Polyfluo 900	121 - 132	1.02	9.0 - 12.0	31.00
PropylMatte 31	160 - 170	0.89	8.0 - 12.0	31.00
PropylMatte 31HD	160 - 170	1.07	8.0 - 12.0	31.00
PropylTex Series	160 - 170	0.89	Wide range available (14 mesh - 325 mesh)	
PropylTex HD Series	160 - 170	1.07	Range available (200 mesh - 325 mesh)	
SuperGlide 904	138 - 145	0.96	4.0 - 6.0	22.00
Superslip 6515	138 - 144	0.96	6.0 - 8.0	22.00
Superslip 6515AL	138 - 144	0.99	3.5 - 5.5	15.56
Superslip 6530	124 - 135	0.97	5.5 - 7.5	22.00
Synfluo 178XF	104 - 110	0.98	3.0 - 5.0	11.00

Wood Coatings Selector Guide

- Extremely Effective ◐ Very Effective ○ Effective
- 💧 Available as a Waterborne Dispersion

Product	Description	Suggested Use Level	Recommended System Type*	Scratch & Mar Resistance	Lubricity & Smooth Feel	Soft Touch	Block Resistance	Matting & Gloss Control	Burnish Resistance	Texture	Water Repellency/beading	Sanding Efficiency	Gloss Retention	Clarity	Natural/Naturally Derived
AquaBead R331E	Rice bran wax emulsion	3.0 - 10.0%	W	◐	◐		◐				●		○	○	●
💧 AquaBead 519	Hydrophobically modified synthetic wax	1.0 - 4.0%	W,S								●				
AquaBead 525E	Paraffin/carnauba wax emulsion	2.0 - 10.0%	W								●		◐	○	
💧 AquaPolyflu 411	Modified oxidized polyethylene/PTFE	0.5 - 2.0%	W	●	●		●						●	○	
💧 AquaSuperslip 6550	Modified oxidized polyethylene/Amide	0.5 - 2.0%	W	●	●		●					◐			
💧 MicroKlear 418AL	Carnauba/Alumina	1.0 - 3.0%	W,S	●	●		○				○		◐	◐	●
💧 MicroMatte 1213UVW	Densified modified polypropylene	2.0 - 4.0%	W,S				●	●	●						
Micropro 400	Modified polypropylene	2.0 - 4.0%	W,S	◐			●	◐	◐		◐		○		
Micropro 500	Modified polypropylene	2.0 - 4.0%	W,S	◐			●	◐	◐				○		
MicroTouch 800XF	Aliphatic polyurethane	1.0 - 10.0%	W,S	●		●		●		○					
MicroTouch 850XF	Modified aliphatic polyurethane	1.0 - 10.0%	W,S	●		●		●		○					
MP-22XF	Fischer-Tropsch wax	1.0 - 3.0%	W,S	○	○						●		◐		◐
💧 MPP-611AL	Polyethylene/Alumina	0.5 - 1.5%	W,S	●	◐								●	◐	
💧 MPP-620VF	High density polyethylene	0.5 - 1.5%	W,S	◐									◐	◐	
💧 NatureFine R331	Rice bran wax	1.0 - 3.0%	W,S	●	◐	○	◐	◐	●						●
💧 NatureMatte 31	Poly(hydroxybutyrate-co-hydroxyvalerate)	1.5 - 5.0%	W,S	◐	◐	◐	○	●	●						●
💧 Polyflu 523AL	Polyethylene/PTFE/Alumina	0.5 - 1.0%	W,S	●	○				○				●	●	
💧 Polyflu 900	Ceramic modified polyethylene/PTFE	0.5 - 1.0%	W,S	●			○	●	●						
PropylMatte 31	Polypropylene	1.0 - 5.0%	S			○	◐	●	◐						
💧 PropylMatte 31HD	Densified polypropylene	1.0 - 5.0%	W			○	◐	●	◐						
PropylTex Series	Polypropylene	3.0 - 10.0%	S			○		◐		●					
PropylTex HD Series	Densified Polypropylene	3.0 - 10.0%	W			○		◐		●					
SuperGlide 904	Fischer-Tropsch wax/Ethylene bis(stearamide)	0.5 - 3.0%	W,S		●	◐	◐		●				◐	◐	◐
Superslip 6515	Polyethylene/Ethylene bis(stearamide)	0.5 - 3.0%	W,S		○		◐		●				●		
💧 Superslip 6515AL	HDPE/Amide wax/Alumina	0.5 - 1.5%	W,S	●	●	◐	◐		●				◐	●	◐
Superslip 6530	Polyethylene/Ethylene bis(stearamide)	0.5 - 3.0%	W,S		◐		◐		●				●		
Synflu 178XF	Fischer-Tropsch wax/PTFE	0.5 - 2.0%	W,S	●	●								◐	◐	

* W = Water, S = Solvent

