



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 270E | N/A | 0.96 | N/A | N/A |
| AquaBead 519 | 126 - 132 | 0.91 | 6.0 - 8.0 | 22.00 |
| AquaBead 525E | N/A | 1.00 | N/A | N/A |
| AquaMatte 22 | 135 - 140 | 0.99 | 6.0 - 8.0 | 22.00 |
| AquaPoly 215 | 105 - 111 | 0.95 | 9.0 - 11.0 | 31.00 |
| AquaPolyfluo 411 | 117 - 123 | 1.10 | 6.0 - 8.0 | 22.00 |
| AquaSuperslip 6550 | 124 - 135 | 0.94 | 6.0 - 7.5 | 22.00 |
| Aquawax 214VF | 104 - 107 | 0.96 | 5.0 - 7.5 | 22.00 |
| MicroMatte 1213 UVW | 150 - 156 | 1.11 | 5.0 - 7.5 | 22.00 |
| Micropro 400 | 140 - 143 | 0.93 | 4.5 - 7.5 | 22.00 |
| Micropro 440W | 150 - 156 | 0.94 | 7.0 - 10.0 | 31.00 |
| Micropro 500 | 141 - 143 | 0.94 | 4.5 - 7.5 | 22.00 |
| Micropro 700 | 149 - 154 | 1.04 | 5.0 - 7.0 | 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 | 0.94 | 5.0 - 6.0 | 22.00 |
| MPP-620VF | 114 - 116 | 0.95 | 5.0 - 7.0 | 22.00 |
| NyloTex Series | 218 - 224 | 1.14 | Wide range available (20 mesh - 200 mesh) | |
| Polyfluo 540 | 108 - 115 | 1.02 | 5.0 - 6.0 | 22.00 |
| PropylMatte 31 | 160 - 170 | 0.86 | 8.0 - 12.0 | 31.00 |
| PropylMatte 31HD | 160 - 170 | 1.07 | 8.0 - 12.0 | 31.00 |
| PropylMatte 31SA | 160 - 170 | 1.02 | 8.0 - 12.0 | 31.00 |
| PropylTex Series | 160 - 170 | 0.89 | Wide range available (20 mesh - 325 mesh) | |
| PropylTex HD Series | 160 - 170 | 1.07 | Wide range available (200 mesh - 325 mesh) | |
| SuperGlide 904 | 138 - 145 | 0.97 | 4.0 - 6.0 | 22.00 |
| Superslip 6515 | 124 - 137 | 0.95 | 6.0 - 8.0 | 22.00 |
| Superslip 6530 | 124 - 135 | 0.95 | 5.5 - 7.5 | 22.00 |
| Synfluo 178VF | 104 - 110 | 1.03 | 4.0 - 7.0 | 22.00 |
| Synfluo 180XF | 104 - 110 | 1.10 | 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 | Non-Skid |
|---|--|---------------------|--------------------------|--------------------------|-------------------------|------------|------------------|-------------------------|--------------------|---------|--------------------------|--------------------|-----------------|---------|----------|
| AquaBead 270E | Paraffin 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 | | | | | | | | ● | | ◐ | ○ | |
| ♦ AquaMatte 22 | Oxidized polyethylene | 2.0-5.0% | W | ○ | | | | ◐ | ◐ | | | | | | |
| ♦ AquaPoly 215 | Oxidized polyethylene | 0.5-2.0% | W | ◐ | ◐ | | ◐ | | | | | | | | |
| ♦ AquaPolyflu 411 | Modified oxidized polyethylene/PTFE | 0.5-2.0% | W | ● | ● | | ● | | | | | | ● | ○ | |
| ♦ AquaSuperslip 6550 | Modified oxidized polyethylene/amide | 0.5-2.0% | W | ● | ● | | ● | | | | | ◐ | | | |
| Aquawax 214VF | Oxidized Fischer-Tropsch wax | 0.5-2.0% | W | ◐ | ◐ | | | | | | | | | | |
| ♦ MicroMatte 1213 UVW | Densified modified polypropylene | 2.0-4.0% | W,S | | | | ● | ● | ● | | | | | | |
| Micropro 400 | Modified polypropylene | 2.0-4.0% | W,S | ◐ | | | ● | ◐ | ◐ | | ◐ | ○ | | | |
| ♦ Micropro 440W | Modified polypropylene | 2.0-5.0% | W | ◐ | | | ● | ◐ | ◐ | | | | | | |
| Micropro 500 | Modified polypropylene | 2.0-4.0% | W,S | ◐ | | | ● | ◐ | ◐ | | | ○ | | | |
| Micropro 700 | Modified polypropylene/PTFE | 0.5-4.0% | 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-620VF | High density polyethylene | 0.5-1.5% | W,S | ◐ | | | | | | | | | ◐ | ◐ | |
| NyloTex Series | Polyamide (Nylon 6) | 4.0-6.0% | W,S | | | | | | | ● | | | | | ◐ |
| Polyflu 540 | 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 | | | ○ | ◐ | ● | ◐ | | | | | | ○ |
| ♦ PropylMatte 31SA | Densified polypropylene/PTFE | 1.0-5.0% | W,S | ◐ | ◐ | ○ | ◐ | ● | ● | | | | | | |
| 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 6530 | Polyethylene/Ethylene bis(stearamide) | 0.5-3.0% | W,S | | ◐ | | ◐ | | ● | | | ● | | | |
| Synflu 178VF | Fischer-Tropsch wax/PTFE | 0.5-2.0% | W,S | ◐ | ◐ | | | | | | | | ◐ | ● | |
| Synflu 180XF | Fischer-Tropsch wax/PTFE | 0.1-0.3% | W,S | ● | ● | | | | | | | | ● | ○ | |

* W = Water, S = Solvent