



MICRO POWDERS, INC.

Natural Fine Powders & Exfoliants

Based on natural and naturally derived materials, with performance equal to or better than synthetic additives, our fine and coarse powders can be used to create cosmetics that are biodegradable and sustainable.

Recommended Products Typical Properties

Product	INCI Name	Melt Point (°C)	Density (g/cc@25°C)	Particle Size (µm)
Ecosoft 608	Polylactic Acid	150 - 160	1.24	16.0 - 20.0
Ecosoft 608XF	Polylactic Acid	150 - 160	1.25	8.0 - 12.0
Ecosoft 611	Polylactic Acid/Copernicia Cerifera (Carnauba) Wax	140 - 150	1.10	8.0 - 12.0
Microcare 350	Copernicia Cerifera (Carnauba) Wax	83 - 86	0.99	6.0 - 8.0
Microcare 730	Glycol Montanate	82 - 88	1.01	7.0 - 9.0
Naturesoft 800	Cellulose	N/A	1.50	7.0 - 12.0
Naturesoft 810	Hydrogenated Castor Oil Jojoba Esters Tocopherol	82 - 87	0.98	5.0 - 9.0
Naturesorb 1000	Copernicia Cerifera (Carnauba) Wax/ Calcium Silicate	83 - 86	1.29	27.0 - 31.0



NATURAL FINE POWDERS

Create unique elegance with these naturally-derived fine powders for skin care, color cosmetics, sun care and all applications where improved aesthetics and performance are desired while utilizing materials from nature.

Microcare

Microcare grades are ultrafine powders derived from prime #1 carnauba wax and montan wax. They impart a smooth feel with increased adhesion for all color cosmetic and skin care formulations. Our 100% carnauba powder, Microcare 350, can be easily used in loose and pressed powder formulations.

Ecosoft

Ecosoft powders are bio-derived polylactic acid (PLA) produced from the bio-fermentation of modified cornstarch. Ecosofts are highly sustainable and come from renewable resources. They provide high lubricity and slip with a unique soft and silky aesthetics. Sensory data revealed that they are similar to silica in feel.

- **Ecosoft 608** is 100% ultrafine polylactic acid
- **Ecosoft 608XF** is 100% ultrafine polylactic acid but with extra fine particle size
- **Ecosoft 611** is a unique blend of ultrafine polylactic acid and prime #1 carnauba wax to improve adhesion

Naturesorb 1000

Naturesorb 1000 is an ultrafine blend of prime #1 carnauba wax and calcium silicate. Being porous, this powder absorbs oil very efficiently both in formulation and on skin and hair without over drying. Due to its high oil-absorbancy, Naturesorb 1000 also provides mattifying and creates flawless healthy looking skin.

Naturesoft 800

Naturesoft 800 consists of 100% ultrafine cellulose powder from European Beech trees. Not to be mistaken with functional cellulose, this cellulose fine powder does much more than provide structure, stability and some thickening in formulations. Most notable is Naturesofts' ability to provide rapid dry time on skin and its oil absorbance/mattifying properties. It is also a superior dry binder.

Naturesoft 810

Naturesoft 810 consists of ultrafine powder from hydrogenated castor oil wax which has been surface-coated with natural jojoba esters. The coating with jojoba esters provides increased lubricity, improved payoff and ease-of-use, while adding luxurious and rich aesthetics. It has superior dry-binding properties and can also be used as a solo dry binder.



See reverse side for Natural Exfoliants

Natural or naturally derived

NATURAL EXFOLIANTS

Enhance your scrub formulations with our gentle, yet effective Natural Exfoliants.

Naturescrub®

Naturescrubs are irregular shaped exfoliants derived from natural waxes including carnauba, montan wax, and hydrogenated castor oil wax. All Naturescrubs are freshwater biodegradable and come in a variety of particle sizes to meet most formulating needs. Naturescrub H series (hydrogenated castor oil) is our best natural alternative to plastic microbeads for performance and value. Our Naturescrub Mocha H35 is pigmented to simulate walnut shells.

Naturebead

Naturebead's perfectly spherical powders are derived from natural waxes and wax blends including rice bran wax, jojoba, carnauba, beeswax and cocoa butter.

- Naturebead R20 – refined rice bran wax
- Naturebead J20 – combination of jojoba, carnauba and beeswax
- Naturebead B20 – combination of beeswax and carnauba
- Naturebead C14 – combination of rice bran and cocoa seed butter
- Naturebead G20 – combination of olive oil, rice bran wax and cetyl esters
 - lowest melt point of Naturebeads allowing particles to be rubbed onto the skin

Naturebead Colors

Permanently colored spherical beads derived from rice bran wax and available in a variety of colors.

Bioscrub®

Natural exfoliants made from polyhydroxybutyrate (PHB). These marine and freshwater biodegradable scrubs are produced from the biofermentation of vegetable sugars. Available in uncolored and white versions, and in a variety of particle sizes.

Ecoscrub®

Ecoscrubs are based on polylactic acid (PLA), a compostable biofermentation product made from corn. Available in a wide selection of particle sizes. Colored grades also available on a made-to-order basis.



Recommended Products

Typical Properties

Product	INCI Name	Melt Point (°C)	Density (g/cc@25°C)	Particle Size (µm)
Bioscrub Series	Polyhydroxybutyrate	170 - 180	1.25	Wide Range Available
Ecoscrub Series	Polylactic Acid	150 - 160	1.25	Wide Range Available
Naturebead R20	Oryza Sativa (Rice) Bran Wax	70 - 77	0.99	840 (20 mesh)
Naturebead J20	Copernicia Cerifera (Carnauba) Wax/ Beeswax/ Jojoba Esters	74 - 79	0.93	840 (20 mesh)
Naturebead B20	Copernicia Cerifera (Carnauba) Wax/ Beeswax	71 - 77	0.92	840 (20 mesh)
Naturebead C14	Orzya Sativa (Rice) Bran Wax/Theobroma Cacao (cocoa) seed butter	72 - 76	0.98	1410 (14 mesh)
Naturebead G20	Cetyl Esters/ Oryza Sativa (Rice) Bran Wax/ Olea Europaea (olive) fruit oil	45 - 53	0.94	840 (20 mesh)
Naturebead Colors	Oryza Sativa (Rice) Bran Wax (Others dependent on color)	70 - 77	0.99	840 (20 mesh)
Naturescrub C Series	Copernicia Cerifera (Carnauba) Wax	83 - 86	0.99	Wide Range Available
Naturescrub H Series	Hydrogenated Castor Oil	82 - 87	0.99	Wide Range Available
Naturescrub M Series	Glycol Montanate	82 - 88	1.01	Wide Range Available

 Natural or naturally derived

