



MICRO POWDERS, INC.

A woman's face is shown in profile, facing left. The face is semi-transparent, allowing a lush green forest scene with many trees and branches to be seen through it. The background is a bright, clear blue sky. The overall image has a soft, ethereal quality.

# **SPECIALTY FINE POWDERS AND EXFOLIANTS**

# FINE POWDERS

## Microease

Multi-functional ultrafine biodegradable synthetic wax powders. Microease powders provide pleasant aesthetics for all cosmetic formulations as well as excellent dry binding for pressed powders. Spherical grades offer line filling and soft focus enhancement. [Worldwide approval.](#)

Properties	Microease 110XF	Microease 110S	Microease 114S
INCI Name	Synthetic Wax	Synthetic Wax	Synthetic Wax
Color	White	White	White
Particle Shape	Irregular	Spherical	Spherical
Melting Point (°C)	108-113	108-113	110-116
Density @25°C (g/cc)	0.93	0.93	0.95
Mean Particle Size (µm)	4.5-6.5	6.0-8.0	6.0-8.0
Biodegradability	Freshwater	Freshwater	Freshwater

## Micropoly®

Ultrafine polyethylene powders with noticeably creamy aesthetics for various leave-on applications. The spherical grades are proven to impart optical blurring, line filling, and soft focus. [Worldwide approval.](#)

Properties	Micropoly 1160S	Micropoly 200	Micropoly 220	Micropoly 220L	Micropoly 250S
INCI Name	Polyethylene	Polyethylene	Polyethylene	Polyethylene	Polyethylene
Color	White	White	White	White	White
Particle Shape	Spherical	Irregular	Irregular	Irregular	Spherical
Melting Point (°C)	109-112	109-111	123-125	123-125	129-131
Density @25°C (g/cc)	0.92	0.96	0.97	0.97	0.97
Mean Particle Size (µm)	15.0-20.0	6.0-8.0	6.0-8.0	8.0-10.0	2.0-4.0

## Mattewax

Ultrafine polypropylene powder that imparts superior matte finish in all skin care, color cosmetics and hair care applications. [Worldwide approval.](#)

Properties	Mattewax 511
INCI Name	Polypropylene
Color	White
Particle Shape	Irregular
Melting Point (°C)	160-170
Density @25°C (g/cc)	0.89
Mean Particle Size (µm)	10.0-15.0

## Microsilk®

Ultrafine powder composite of synthetic wax, boron nitride, and zinc oxide. Due to its high lubricity and silky aesthetics, it is an effective replacement for PTFE, and can be utilized as a more cost efficient boron nitride option. Perfect for color cosmetic and skin care applications. [Worldwide approval.](#)

Properties	Microsilk 422
INCI Name	Synthetic Wax, Zinc Oxide, Boron Nitride
Color	White
Particle Shape	Irregular
Melting Point (°C)	110-116
Density @ 25°C (g/cc)	1.20
Mean Particle Size (µm)	6.0-10.0
Biodegradability	Freshwater (Synthetic Wax)

## Microcare

A unique hybrid ultrafine powder that combines natural carnauba wax for long wear and biodegradable synthetic wax for improved lubricity and creamy aesthetics. [Worldwide approval.](#)

Properties	Microcare 325
INCI Name	Copernicia Cerifera (Carnauba) Wax, Synthetic Wax
Color	Off-White
Particle Shape	Irregular
Melting Point (°C)	107-113
Density @25°C (g/cc)	0.97
Mean Particle Size (µm)	4.5-5.5
Biodegradability	Freshwater



## Microsorb®

Ultrafine oil-absorbing powder that enhances formulations which may feel too heavy or greasy. Effective oil absorption without over-drying. Can be utilized to reduce oil in formulations, or on the skin as an oil-control aid. [Worldwide approval.](#)

Properties	Microsorb 988S
INCI Name	Synthetic Wax, Calcium Silicate, Silica
Color	White
Particle Shape	Spherical
Melting Point (°C)	110-114
Density @ 25°C (g/cc)	1.31
Mean Particle Size (µm)	22.0-30.0
Biodegradability	Freshwater (Synthetic Wax)

# FINE POWDERS

## Microcare

Ultrafine organic carnauba wax powders that provide superior long wear, easy incorporation into loose and pressed powders, SPF boosting, and soft focus.

[Worldwide approval.](#)

Properties	Microcare 350 🌱☀️	Microcare 350S 🌱☀️	Naturecel 750 🌱	Naturecel 793 <b>NEW</b>
INCI Name	Copernicia Cerifera (Carnauba) Wax	Copernicia Cerifera (Carnauba) Wax	Microcrystalline Cellulose	Cellulose Acetate
Color	Off-White	Off-White	White	White
Particle Shape	Irregular	Spherical	Irregular	Irregular
Melting Point (°C)	83-86	83-86	–	–
Density @25°C (g/cc)	1.00	1.00	1.46	1.30
Mean Particle Size (µm)	6.0-8.0	18.0-22.0	10.0-15.0	18.5-23.0
Biodegradability	Freshwater	Freshwater	Freshwater	Freshwater/Marine

## Ecosoft®

Ultrafine powders made from biofermented polylactic acid (PLA) that provide slip with extremely silky silicone-like aesthetics. Ecosoft 627S is a spherical option providing elevated lubricity and silky aesthetics, well suited for fine line and wrinkle filling. Can be considered as an alternative to PMMA, Nylon-12 and PTFE. [Worldwide approval except China.](#)

Properties	Ecosoft 608	Ecosoft 608XF	Ecosoft 611	Ecosoft 627S
INCI Name	Polylactic Acid	Polylactic Acid	Polylactic Acid, Copernicia Cerifera (Carnauba) Wax	Polylactic Acid, Silica
Color	White	White	Slightly Yellow	White
Particle Shape	Irregular	Irregular	Irregular	Spherical
Melting Point (°C)	170-180	170-180	140-150	150-160
Density @25°C (g/cc)	1.25	1.25	1.11	1.24
Mean Particle Size (µm)	16.0-20.0	8.0-12.0	8.0-12.0	9.0-13.0
Biodegradability	Compostable	Compostable	Compostable	Compostable

## Naturesoft®

Natural, biodegradable ultrafine powders. [Worldwide approval.](#)

- Naturesoft 800** dry binder, oil absorber, fast absorption on skin, mattifier
- Naturesoft 810** surface treated, sole dry binder, high emolliency, luxurious aesthetics
- Naturesoft 860R** upcycled, irregular shape, oil binder, reduces oily aesthetics, SPF booster
- Naturesoft 860S** upcycled, spherical shape, oil binder, reduces oily aesthetics, SPF booster, optimal soft focus
- Naturesoft 880GT** upcycled rice bran and green tea, oil binder, superior dry binder, green tea for calming and soothing, SPF booster



Properties	Naturesoft 800 🌱	Naturesoft 810 🌱	Naturesoft 860R 🌱☀️	Naturesoft 860S 🌱☀️	Naturesoft 880GT 🌱☀️
INCI Name	Cellulose	Hydrogenated Castor Oil, Jojoba Esters, Tocopherol	Oryza Sativa (Rice) Bran Wax	Oryza Sativa (Rice) Bran Wax	Oryza Sativa (Rice) Bran Wax, Camellia Sinensis (Green Tea) Leaf Extract
Color	White	White	White	Off-White	Sage Green
Particle Shape	Irregular	Irregular	Irregular	Spherical	Irregular
Melting Point (°C)	N/A	82-87	77-82	77-82	82-86
Density @25°C (g/cc)	1.5	0.98	0.97	0.97	0.96
Mean Particle Size (µm)	7.0-12.0	5.0-9.0	6.0-10.0	15.0-20.0	6.0-10.0
Biodegradability	Freshwater	Freshwater	Freshwater	Freshwater	Freshwater

## Naturesorb

Ultrafine oil-absorbing powder based on natural *Copernicia cerifera* (Carnauba) wax providing skin oil control with improved adhesion and long wearing properties. [Worldwide approval.](#)

Properties	Naturesorb 1000
INCI Name	Copernicia Cerifera (Carnauba) Wax, Calcium Silicate
Color	Off-White
Particle Shape	Irregular
Melting Point (°C)	83-86
Density @ 25°C (g/cc)	1.29
Mean Particle Size (µm)	22.0-30.0
Biodegradability	Freshwater

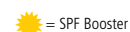
## Biosoft

High melt point ultrafine powder of polyhydroxybutyrate, a bioferment derived from natural sugars. This naturally derived mattifying agent provides ultra soft and creamy aesthetics. Both marine and freshwater biodegradable. [Worldwide approval except China.](#)

Properties	Biosoft 915 🌱
INCI Name	Polyhydroxybutyrate
Color	White
Particle Shape	Spheroidal
Melting Point (°C)	170-180
Density @ 25°C (g/cc)	1.25
Mean Particle Size (µm)	6.0-10.0
Biodegradability	Freshwater/Marine



Raw material verified by ECOCERT GREENLIFE, conforming to the COSMOS Standard



# EXFOLIANTS

## Naturescrub®

Naturescrub C Series is derived from organic *Copernicia cerifera* (Carnauba) wax, and Naturescrub H Series is derived from hydrogenated *Ricinus communis* (Castor) seed oil. Offered in several particle sizes. [Worldwide approval.](#)

Properties	Naturescrub C20 🌱	Naturescrub C50 🌱	Naturescrub H14 🌱	Naturescrub H20 🌱	Naturescrub H50 🌱
INCI Name	Copernicia Cerifera (Carnauba) Wax	Copernicia Cerifera (Carnauba) Wax	Hydrogenated Castor Oil	Hydrogenated Castor Oil	Hydrogenated Castor Oil
Particle Shape	Irregular	Irregular	Irregular	Irregular	Irregular
Color	Light Yellow	Light Yellow	White	White	White
Melting Point (°C)	83-86	83-86	82-87	82-87	82-87
Density @25°C (g/cc)	0.99	0.99	0.99	0.99	0.99
Maximum Particle Size (mesh)	20	50	14	20	50
Maximum Particle Size (µm)	840	297	1410	840	297
Biodegradability	Freshwater	Freshwater	Freshwater	Freshwater	Freshwater

## 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. [Worldwide approval except China and Canada.](#)

Properties	Bioscrub 20PC	Bioscrub 50PC
INCI Name	Polyhydroxybutyrate	Polyhydroxybutyrate
Particle Shape	Irregular	Irregular
Color	White	White
Melting Point (°C)	170-180	170-180
Density @25°C (g/cc)	1.25	1.25
Maximum Particle Size (mesh)	20	50
Maximum Particle Size (µm)	840	297
Biodegradability	Freshwater/Marine	Freshwater/Marine



## Naturebead®

Spherical exfoliants derived from a variety of natural waxes that provide gentle exfoliation. While not a “breaking bead,” Naturebead G20 can be rubbed into the skin. [Worldwide approval.](#)

Properties	Naturebead B20	Naturebead G20	Naturebead R20 🌱	Naturebead C14
INCI Name	Copernicia Cerifera (Carnauba) Wax, Beeswax	Cetyl Esters, Oryza Sativa (Rice) Bran Wax, Olea Europaea (Olive) fruit oil	Oryza Sativa (Rice) Bran Wax	Oryza Sativa (Rice) Bran Wax, Theobroma Cacao (Cocoa) seed butter
Particle Shape	Spherical	Spherical	Spherical	Spherical
Color	Off-White to Light Yellow	Off-White	Off-White	Off-White to Light Yellow
Melting Point (°C)	71-77	45-53	77-82	72-76
Density @25°C (g/cc)	0.92	0.94	0.99	0.98
Maximum Particle Size (mesh)	20	20	20	14
Maximum Particle Size (µm)	840	840	840	1410
Biodegradability	Not tested	Not tested	Freshwater	Not tested



## Celscrub

A natural scrub that initially exfoliates and then gradually disappears during use for a unique sensorial effect in leave-on or rinse-off applications. [Worldwide approval.](#)

**Note:** Formula should contain water for best transitional effect.

Properties	Celscrub 20 🌱
INCI Name	Microcrystalline Cellulose
Particle Shape	Irregular
Color	Light Tan
Density @25°C (g/cc)	1.46
Maximum Particle Size (mesh)	20
Maximum Particle Size (µm)	840
Biodegradability	Freshwater



## Naturebead® Colors

Permanently colored spherical exfoliants derived from biodegradable *Oryza sativa* (Rice) bran wax that provide unique visual effects. [Worldwide approval.](#)

Properties	NatureBrown 20RS	NatureBlue 20RS	NatureGreen 20RS	NatureRed 20RS
INCI Name	Oryza Sativa (Rice) Bran Wax, Caprylic/Capric Triglycerides, Yellow 5 Lake, Red 7 Lake, Titanium Dioxide, Iron Oxides	Oryza Sativa (Rice) Bran Wax, Blue 1 Lake	Oryza Sativa (Rice) Bran Wax, Chromium Hydroxide Green	Oryza Sativa (Rice) Bran Wax, Red 40 Lake
Particle Shape	Spherical	Spherical	Spherical	Spherical
Color	Brown	Blue	Green	Red
Melting Point (°C)	77-82	77-82	77-82	77-82
Density @25°C (g/cc)	0.99	0.99	0.99	0.99
Maximum Particle Size (mesh)	20	20	20	20
Maximum Particle Size (µm)	840	840	840	840
Biodegradability	Freshwater	Freshwater	Freshwater	Freshwater

## COLOR by Nature™ Naturebead® and Naturescrub® Colors



Naturally colored 100% natural exfoliants that do not contain any pigments, dyes, or synthetic colorants. [Worldwide approval.\\*](#)

Properties	Naturebead Cocoa C20 🌱 (Dark Brown)	Naturescrub Cocoa C50 🌱 (Golden Brown)	Naturebead Yellow C20 🌱 (Golden Yellow)	Naturebead White H20 🌱 (White) <b>NEW</b>
INCI Name	Copernicia Cerifera (Carnauba) Wax	Copernicia Cerifera (Carnauba) Wax	Copernicia Cerifera (Carnauba) Wax	Hydrogenated Castor Oil
Particle Shape	Spherical	Irregular	Spherical	Spherical
Color	Brown	Brown	Yellow	White
Melting Point (°C)	83-86	83-86	83-86	85-88
Density @25°C (g/cc)	0.99	0.99	0.99	0.99
Maximum Particle Size (mesh)	20	50	20	20
Maximum Particle Size (µm)	840	297	840	840
Biodegradability	Freshwater	Freshwater	Freshwater	Freshwater

Properties	Naturebead GreenTea R20 🌱** (Sage Green)	Naturebead Aqua R10 🌱** (Aqua Blue)	Naturebead SeaFoam C10 🌱** (Seafoam Green)
INCI Name	Oryza Sativa (Rice) Bran Wax, Camellia Sinensis (Green Tea) Leaf Extract*	Oryza Sativa (Rice) Bran Wax, Tanacetum Annuum Flower Oil	Copernicia Cerifera (Carnauba) Wax, Tanacetum Annuum Flower Oil
Particle Shape	Spherical	Spherical	Spherical
Color	Green	Aqua Blue	Lime Green
Melting Point (°C)	82-86	78-83	81-85
Density @25°C (g/cc)	0.96	0.95	0.99
Maximum Particle Size (mesh)	20	10	10
Maximum Particle Size (µm)	840	2000	2000
Biodegradability	Freshwater	Freshwater	Freshwater

\*Naturebead Aqua R10 and SeaFoam C10 are approved worldwide except China. \*\*The natural color of this product can fade if exposed to light.



**COSMOS APPROVED**  
Raw material verified by ECOCERT GREENLIFE, conforming to the COSMOS Standard

# EXFOLIANTS

## Synscrub®

Economical exfoliants derived from biodegradable synthetic wax, offered in both irregular and spherical shapes for different scrub performance. Our best synthetic alternative to polyethylene plastic microbeads. [Worldwide approval.](#)

Properties	Synscrub 1435PC	Synscrub 20PC	Synscrub 35PC	Synscrub 50PC	Synscrub 80PC	Synscrub 100PC
INCI Name	Synthetic Wax	Synthetic Wax	Synthetic Wax	Synthetic Wax	Synthetic Wax	Synthetic Wax
Particle Shape	Irregular	Irregular	Irregular	Irregular	Irregular	Irregular
Color	White	White	White	White	White	White
Melting Point (°C)	108-113	108-113	108-113	108-113	108-113	108-113
Density @25°C (g/cc)	0.95	0.95	0.95	0.95	0.95	0.95
Minimum Particle Size (mesh)	–	–	–	–	–	–
Maximum Particle Size (mesh)	14	20	35	50	80	100
Maximum Particle Size (µm)	1410	840	500	297	180	150
Biodegradability	Freshwater	Freshwater	Freshwater	Freshwater	Freshwater	Freshwater

Properties	Synscrub 164S	Synscrub 164SF
INCI Name	Synthetic Wax	Synthetic Wax
Particle Shape	Spherical	Spherical
Color	White	White
Melting Point (°C)	108-113	108-113
Density @25°C (g/cc)	0.95	0.95
Minimum Particle Size (mesh)	40	80
Maximum Particle Size (mesh)	20	40
Maximum Particle Size (µm)	840	420
Biodegradability	Freshwater	Freshwater



## Synscrub® Colors

Permanently colored, bleed-resistant spherical exfoliants derived from biodegradable synthetic wax that provide unique visual effects. [Worldwide approval.](#)

Properties	Synscrub 164BLS (Blue)	Synscrub 164BRS (Brown)	Synscrub 164RS (Red)	Synscrub 164BKS (Black)	Synscrub 164GRS (Blue-Green)
INCI Name	Synthetic Wax, Blue 1 Lake	Synthetic Wax, Caprylic/Capric Triglycerides, Yellow 5 Lake, Red 7 Lake, Titanium Dioxide, Iron Oxides	Synthetic Wax, Red 30 Lake	Synthetic Wax, Cocos Nucifera (Coconut) oil, Blue 1 Lake, Red 40 Lake, Yellow 6 Lake, Lecithin	Synthetic Wax, Chromium Hydroxide Green
Particle Shape	Spherical	Spherical	Spherical	Spherical	Spherical
Color	Blue	Brown	Red	Black	Blue-Green
Melting Point (°C)	108-113	108-113	108-113	108-113	108-113
Density @25°C (g/cc)	0.95	0.95	0.95	0.95	0.95
Minimum Particle Size (mesh)	40	40	40	40	40
Maximum Particle Size (mesh)	20	20	20	20	20
Maximum Particle Size (µm)	840	840	840	840	840
Biodegradability	Freshwater	Freshwater	Freshwater	Freshwater	Freshwater

Properties	Synscrub 164GRSF (Blue-Green)	Synscrub 200GRS (Green)	Synscrub Berry 3060S (Deep Pink)	Synscrub Orange 1420S (Orange)
INCI Name	Synthetic Wax, Chromium Hydroxide Green	Synthetic Wax, Blue 1 Lake, Yellow 5 Lake	Synthetic Wax, Red 33 Lake, Red 7 Lake, Caprylic/Capric Triglycerides	Synthetic Wax, Cocos Nucifera (Coconut) Oil, Yellow 6 Lake, Red 27 Lake, Yellow 5 Lake, Titanium Dioxide / Lecithin
Particle Shape	Spherical	Spherical	Spherical	Spherical
Color	Blue-Green	Green	Deep Pink	Orange
Melting Point (°C)	108-113	108-113	108-113	108-113
Density @25°C (g/cc)	0.95	0.95	0.95	0.95
Minimum Particle Size (mesh)	80	40	60	20
Maximum Particle Size (mesh)	60	20	30	14
Maximum Particle Size (µm)	250	840	590	1410
Biodegradability	Freshwater	Freshwater	Freshwater	Freshwater

# WAX DISPERSIONS



## NatureGel

All-natural anhydrous gel that can be used as a base or added to existing formulations. Provides enhanced mattifying and soft focus, and adds a luxurious feel without greasiness. Can be used in all cosmetic and personal care applications except for in aqueous systems. [Worldwide approval.](#)

Properties	NatureGel MC750
Dry Wax Used	Naturecel 750
INCI Name	Microcrystalline Cellulose, Cocos Nucifera (Coconut) Oil, Brassica Campestris (Rapeseed) Seed Oil, Polyhydroxystearic Acid, Cetearyl Oliviate, Sorbitan Oliviate, Tocopheryl Acetate
Appearance	Tan Gel
Wax Solids	35.0%
Viscosity @25°C (P)	14,000-48,000
Density @25°C (g/cc)	1.04
Wax Mean Particle Size (µm)	10.0-15.0
Biodegradability	Freshwater

Highly unique semi-solid gels of ultrafine wax powders that are anhydrous and not greasy or sticky. They can be added to existing formulations to elevate select aesthetics, or used as a base. [Worldwide approval.](#)

**GelMatte 511** Increased mattifying with powdery aesthetics

**GelCream 114S** Noticeably improves creaminess

Properties	GelMatte 511	GelCream 114S
Dry Wax Used	Mattewax 511	Microease 114S
INCI Name	Polypropylene, Isohexadecane, Polyamide-8, Polyhydroxystearic Acid	Synthetic Wax, Isohexadecane, Polyamide-8, Polyhydroxystearic Acid
Appearance	Opaque Gel	White Gel
Wax Solids	40.0%	32.0%
Viscosity @25°C	30,000-60,000 P	70,000-110,000 P
Density @25°C (g/cc)	0.82	0.82
Wax Mean Particle Size (µm)	10.0-15.0	6.0-8.0

# MELTING WAXES






















Prill or coarse powder waxes for rheological modification and structure, with reduced syneresis for use in solid anhydrous sticks, balms, and butters. [Worldwide approval.](#)

Properties	Microease 204	Microease 1132	Micropoly 4039	Micropoly 4049
INCI Name	Synthetic Wax	Synthetic Wax, Microcrystalline Wax	Polyethylene	Polyethylene
Appearance	White Pellet	White Pellet	White Pellet	Coarse White Powder
Melting Point (°C)	68-77	83-89	99-103	99-103
Density @25°C (g/cc)	0.89	0.94	0.91	0.91
Color	Saybolt +10/+30	-	60 Klett max.	60 Klett max.

WAX DISPERSIONS

MELTING WAXES

# NATURAL PRODUCT SUSTAINABILITY GUIDE

					
	NATURAL INDEX	NATURAL ORIGIN INDEX	ORGANIC INDEX	ORGANIC ORIGIN INDEX	
Bioscrub Series	0	1	0	0	
Biosoft 915	0	1	0	0	
Celscrub 20	0	1	0	0	
Ecosoft 608 / 608XF	0	1	0	0	
Ecosoft 611	0	1	0	0.5	
Ecosoft 627S	0	1	0	0	
Microcare 325	0	0.5	0	0.5	
Microcare 350 / 350S	1	1	1	1	
Naturebead Aqua R10	1	1	0	0	
Naturebead B20	1	1	0	0	
Naturebead C14	1	1	0	0	
Naturebead Cocoa C20	1	1	0	0	
Naturebead GreenTea R20	1	1	0	0	
Naturebead SeaFoam C10	1	1	0	0	
Naturebead Yellow C20	1	1	0	0	
Naturebead G20	1	1	0	0	
Naturebead R20	1	1	0	0	
<b>NEW</b> Naturebead White H20	0	1	0	0	
NatureBlue 20RS	0	0.98	0	0	
NatureBrown 20RS	0	0.98	0	0	
Naturecel 750	0	1	0	0	
<b>NEW</b> Naturecel 793	0	0.61	0	0	
NatureGel MC750	0	1	0	0	
NatureGreen 20RS	0	0.98	0	0	
NatureRed 20RS	0	0.98	0	0	
Naturescrub C Series	1	1	1	1	
Naturescrub Cocoa C50	1	1	0	0	
Naturescrub H Series	0	1	0	0	
Naturesoft 800	0	1	0	0	
Naturesoft 810	0	1	0	0	
Naturesoft 860R / 860S	1	1	0	0	
Naturesoft 880GT	1	1	0	0	
Naturesorb 1000	0	1	0	0.6	



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