



MICRO POWDERS, INC.

A large, artistic image of a woman's profile in shades of purple and blue. The interior of her head is filled with a vibrant green tree, symbolizing nature and health. A horizontal brushstroke in shades of teal and blue is positioned below the woman's head.

SPECIALTY EXFOLIANTS

EXFOLIANTS

Naturescrub®

Irregular biodegradable exfoliants derived from *Copernicia cerifera* (Carnauba) wax, hydrogenated *Ricinus communis* (Castor) seed oil, and Glycol Montanate. Offered in several particle sizes. [Worldwide approval](#).

IRREGULAR

Properties	Naturescrub C20 🌱	Naturescrub C50 🌱	Naturescrub M20	Naturescrub M50	Naturescrub H14 🌱	Naturescrub H20 🌱	Naturescrub H50 🌱
INCI Name	Copernicia Cerifera (Carnauba) Wax	Copernicia Cerifera (Carnauba) Wax	Glycol Montanate	Glycol Montanate	Hydrogenated Castor Oil	Hydrogenated Castor Oil	Hydrogenated Castor Oil
Particle Shape	Irregular	Irregular	Irregular	Irregular	Irregular	Irregular	Irregular
Color	Light Yellow	Light Yellow	Off-White	Off-White	White	White	White
Melting Point (°C)	83-86	83-86	82-88	82-88	82-87	82-87	82-87
Density @25°C (g/cc)	0.99	0.99	1.01	1.01	0.99	0.99	0.99
Maximum Particle Size (mesh)	20	50	20	50	14	20	50
Maximum Particle Size (µm)	840	297	840	297	1410	840	297
Biodegradability	Freshwater	Freshwater	Not tested	Not tested	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](#).

IRREGULAR

Properties	Bioscrub 20PC	Bioscrub 50PC	Bioscrub 80PC	Bioscrub 100PC
INCI Name	Polyhydroxybutyrate	Polyhydroxybutyrate	Polyhydroxybutyrate	Polyhydroxybutyrate
Particle Shape	Irregular	Irregular	Irregular	Irregular
Color	Light Tan	Light Tan	Light Tan	Light Tan
Melting Point (°C)	170-180	170-180	170-180	170-180
Density @25°C (g/cc)	1.25	1.25	1.25	1.25
Maximum Particle Size (mesh)	20	50	80	100
Maximum Particle Size (µm)	840	297	180	150
Biodegradability	Freshwater/Marine	Freshwater/Marine	Freshwater/Marine	Freshwater/Marine

Ecoscrub®

Naturally derived exfoliants made from polylactic acid (PLA). Available in a variety of particle sizes. Colored grades also available on a made-to-order basis.

IRREGULAR

Properties	Ecoscrub 1435PC	Ecoscrub 20PC	Ecoscrub 40PC	Ecoscrub 50PC	Ecoscrub 80PC	Ecoscrub 100PC
INCI Name	Polylactic Acid	Polylactic Acid	Polylactic Acid	Polylactic Acid	Polylactic Acid	Polylactic Acid
Particle Shape	Irregular	Irregular	Irregular	Irregular	Irregular	Irregular
Color	White	White	White	White	White	White
Melting Point (°C)	150-160	150-160	150-160	150-160	150-160	150-160
Density @25°C (g/cc)	1.23-1.25	1.23-1.25	1.23-1.25	1.23-1.25	1.23-1.25	1.23-1.25
Maximum Particle Size (mesh)	14	20	40	50	80	100
Maximum Particle Size (µm)	1410	840	420	297	180	150
Biodegradability	Compostable	Compostable	Compostable	Compostable	Compostable	Compostable

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](#).

SPHERICAL

Properties	Naturebead B20	Naturebead G20	Naturebead J20	Naturebead R20 🌱	Naturebead C14
INCI Name	Copernicia Cerifera (Carnauba) Wax, Beeswax	Cetyl Esters, Oryza Sativa (Rice) Bran Wax, Olea Europaea (Olive) fruit oil	Copernicia Cerifera (Carnauba) Wax, Beeswax, Jojoba Esters	Oryza Sativa (Rice) Bran Wax	Oryza Sativa (Rice) Bran Wax, Theobroma Cacao (Cocoa) seed butter
Particle Shape	Spherical	Spherical	Spherical	Spherical	Spherical
Color	Off-White to Light Yellow	Off-White	Off-White to Light Yellow	Off-White	Off-White to Light Yellow
Melting Point (°C)	71-77	45-53	74-79	77-82	72-76
Density @25°C (g/cc)	0.92	0.94	0.93	0.99	0.98
Maximum Particle Size (mesh)	20	20	20	20	14
Maximum Particle Size (µm)	840	840	840	840	1410
Biodegradability	Not tested	Not tested	Not tested	Freshwater	Not tested

Naturescrub and BioWhite Colors

Natural biodegradable exfoliants made from hydrogenated castor oil (Naturescrub) and polyhydroxybutyrate (PHB). BioWhite (PHB) is a biofermentation of natural sugars, and is highly biodegradable. [Worldwide approval \(Naturescrub\) except China \(BioWhite\)](#).

IRREGULAR

Properties	Naturescrub Mocha H35	BioWhite 20PC	BioWhite 50PC
INCI Name	Hydrogenated Castor Oil, Caprylic/Capric Triglycerides, Yellow 5 Lake, Yellow 6 Lake, Red 7 Lake, Iron Oxides, Titanium Dioxide, Lecithin	Polyhydroxybutyrate, Titanium Dioxide, Blue 1 Lake, Ethylene Distearamide	Polyhydroxybutyrate, Titanium Dioxide, Blue 1 Lake, Ethylene Distearamide
Particle Shape	Irregular	Irregular	Irregular
Color	Brown	White	White
Melting Point (°C)	82-87	170-180	170-180
Density @25°C (g/cc)	0.99	1.37	1.37
Maximum Particle Size (mesh)	35	20	50
Maximum Particle Size (µm)	500	840	297
Biodegradability	Freshwater	Freshwater/Marine	Freshwater/Marine

Naturebead Colors

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

SPHERICAL

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)
INCI Name	Copernicia Cerifera (Carnauba) Wax	Copernicia Cerifera (Carnauba) Wax	Copernicia Cerifera (Carnauba) Wax
Particle Shape	Spherical	Irregular	Spherical
Color	Brown	Brown	Yellow
Melting Point (°C)	83-86	83-86	83-86
Density @25°C (g/cc)	0.99	0.99	0.99
Maximum Particle Size (mesh)	20	50	20
Maximum Particle Size (µm)	840	297	840
Biodegradability	Freshwater	Freshwater	Freshwater

Properties	Naturebead GreenTea R20 🌱** (Heather 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

NATURAL EXFOLIANTS

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)	N/A	N/A	N/A	N/A	N/A	N/A
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	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

‡ Also available in 50 mesh

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

SYNTHETIC EXFOLIANTS

NATURAL PRODUCT SUSTAINABILITY GUIDE

	 ISO 16128 COSMETIC GUIDELINES				 COSMOS APPROVED <small>Raw material verified by ECOCERT GREENLIFE, conforming to the COSMOS Standard</small>
	NATURAL INDEX	NATURAL ORIGIN INDEX	ORGANIC INDEX	ORGANIC ORIGIN INDEX	
Bioscrub Series	0	1	0	0	
Biosoft 915	0	1	0	0	
BioWhite Series	0	0.87	0	0	
Ecocrub Series	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	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 J20	1	1	0	0	
Naturebead R20	1	1	0	0	
NatureBlue 20RS	0	0.98	0	0	
NatureBrown 20RS	0	0.98	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	
Naturescrub M Series	0	0.93	0	0	
Naturescrub Mocha H35	0	0.97	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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