

Vantage™ Encapsulants

For Innovative & Eye-Catching Effects



Visual Appeal

Enhanced Product Appearance

Release of Ingredients during Application

Shimmer Effect on Skin (Liposphere™ Mother of Pearl with Liponate™ NPCG-2, Liposphere™ Silver Radiance)

Showcasing of Active Ingredients

Improved Consumer Experience

Visible, innovative, and spherical particles offered in a wide variety of sizes & colors, entrapping different ingredients within a shell or matrix.

The encapsulated ingredients are released from pressure during application, when rubbed on the skin or passing through packaging components with a pump. They provide unique visual appeal to personal care and cosmetics products – enhancing the appearance of a product while drawing attention to its active ingredients and improving a consumer's experience when using the product. They are ideal for use in a broad range of applications – including cleansers, skin care, hair care, sun care and hand sanitizers.

Lipobead™ products are a delivery system technology platform based on a matrix-type encapsulation process in which the encapsulated material is dispersed within a uniform spherical semi-solid matrix of mannitol (or lactose), cellulose and hydroxypropyl methylcellulose colored by pigments. The Lipobead™ product line is designed to hydrate after 4-6 hours in an aqueous formulation to facilitate trouble free processing in high shear filling operations. (available in average sizes of 700 microns and 1500 microns)

Liposphere™ products are a delivery system technology platform based on a matrix type encapsulation process in which the material to be encapsulated is dispersed within a polymer matrix, typically derived from agar, a seaweed extract, that can be colored by pigments. The Liposphere™ product line is supplied as a slurry and can be incorporated easily into your formulations. (available in sizes ranging from 400 microns average up to 3000 microns average)

Recommended applications



Skin Care



Hand Soaps
& Sanitizers



Shampoos
& Body Washes

 Vantage

Lipobead™ Blue Lagoon

Particle Size: 700um

INCI : Mannitol (and) Cellulose (and) Hydroxypropyl Methylcellulose (and) Retinyl Palmitate (and) Tocopheryl Acetate (and) Ultramarines / CI 77007

CAS #: 69-65-8, 9004-34-6, 9004-65-3, 79-81-2, 7695-91-2, 57455-37-5

EC #: 200-711-8, 232-674-9, N/A, 201-228-5, 231-710-0, N/A



Lipobead™ Blue Lagoon is a small blue bead supplied in a dry form. This encapsulant entraps vitamins A and E inside a matrix composed of naturally-derived cellulose. Retinyl Palmitate is the most bioactive form of vitamin A. Combined with vitamin E it creates an anti-aging + anti-oxidant complex – providing skin renewal, enhanced skin structure and moisturization, reduced skin irritation and environmental protection.



Lipobead™ Bronze with Hemp Seed Oil

Particle Size: 700um

INCI : Mannitol (and) Cellulose (and) Hydroxypropyl Methylcellulose (and) Cannabis Sativa Seed Oil (and) Mica (and) Iron Oxides / CI 77491 (and) Titanium Dioxide / CI 77891

CAS #: 69-65-8, 9004-34-6, 9004-65-3, 8016-24-8, 12001-26-2, 1309-37-1, 13463-67-7

EC #: 200-711-8, 232-674-9, N/A, N/A, 310-127-6, 215-168-2, 236-675-5



Lipobead™ Bronze with Hemp Seed Oil contains 2% Hemp Seed Oil which is recognized for its emolliency properties in personal care formulations. Our Hemp Seed Oil is sourced responsibly and is globally compliant for use in personal care products. Lipobead™ Bronze with Hemp Seed Oil creates a beautiful visual in your product and delivers the Hemp Seed Oil when rubbed onto the skin.



Lipobead™ Detox with Coconut Charcoal MB

Particle Size: 700um

INCI : Mannitol (and) Cellulose (and) Charcoal Powder (and) Hydroxypropyl Methylcellulose (and) Caprylic/Capric Triglyceride

CAS #: 69-65-8, 9004-34-6, 7440-44-0, 9004-65-3, 73398-61-5

EC #: 200-711-8, 232-674-9, 231-153-3, N/A, 277-452-2



Lipobead™ Detox with Coconut Charcoal MB is a small black bead that incorporates Activated Charcoal into the matrix of the dry Lipobead™. The matrix is composed of naturally derived cellulose. Once formulated into a product with a minimum of 15% free water, the Lipobead™ will soften. When the formulation is applied, the Lipobead™ will rub out completely and deposit the Activated Charcoal onto the skin to help draw out dirt, oil and toxins while minimizing the appearance of pores.



Lipobead™ Golden Pearl with Desert Whale Jojoba

Particle Size: 1,500um

INCI : Mannitol (and) Cellulose (and) Hydroxypropyl Methylcellulose (and) Titanium Dioxide [nano] / CI 77891 [nano] (and) Simmondsia Chinensis (Jojoba) Seed Oil (and) Mica (and) Iron Oxides / CI 77492 (and) Polyvinyl Alcohol (and) Silica (and) Tin Oxide

CAS #: 69-65-8, 9004-34-6, 9004-65-3, 13463-67-7, 61789-91-1 / 90045-98-0, 12001-26-2, 1309-37-1, 9002-89-5, 7631-86-9, 18282-10-5

EC #: 200-711-8, 232-674-9, N/A, 236-675-5, N/A/ 289-964-3, 310-127-6, 215-168-2, N/A, 231-545-4, 242-159-0



Lipobead™ Golden Pearl with Desert Whale Jojoba is a large pearlescent gold bead, supplied in a dry form. This encapsulant entraps jojoba oil inside a matrix composed of naturally-derived cellulose. DW Jojoba Golden is a natural, sustainable liquid wax ester extracted from jojoba seeds. Unlike all other natural oils, which are triglycerides, it has a unique chemical composition similar to that of human sebum. As a result, DW Jojoba Golden has superior properties, providing non-greasy emolliency, elegant skin feel, moisturization and lipid replenishment.



Lipobead™ Green with Olive Oil

Particle Size: 700um

INCI : Mannitol (and) Cellulose (and)
Hydroxypropyl Methylcellulose (and)
Olea Europaea (Olive) Fruit Oil (and)
Chromium Oxide Greens / CI 77288

CAS #: 69-65-8, 9004-34-6, 9004-65-3, 8001-25-0,
1308-38-9

EC #: 200-711-8, 232-674-9, N/A, 232-277-0, 215-
160-9



Lipobead™ Green with Olive Oil is a small green bead supplied in a dry form. This encapsulant entraps Olive Oil - Lipovol™ O - inside a matrix comprised of naturally derived cellulose. Lipovol™ O is ideal for skin care and hair care products where a medium non-greasy feel is desired. Lipovol™ O improves the barrier function, balancing the skin's hydration system.



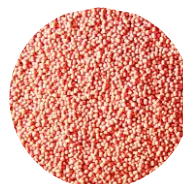
Lipobead™ Pink Princess

Particle Size: 700um

INCI : Lactose (and) Cellulose (and)
Hydroxypropyl Methylcellulose (and)
Retinyl Palmitate (and) Tocopheryl
Acetate (and) Ascorbyl Palmitate (and)
Titanium Dioxide / CI 77891 (and) Iron
Oxide / CI 77491

CAS #: 63-42-3, 9004-34-6, 9004-65-3, 79-81-2,
7695-91-2, 137-66-6, 13463-67-7, 1309-37-1

EC #: 200-559-2, 232-674-9, N/A, 201-228-5, 231-
710-0, 205-305-4, 236-675-5, 215-168-2



Lipobead™ Pink Princess is a small pink bead supplied in a dry form. This encapsulant entraps vitamins A, E, and C inside a matrix composed of naturally-derived cellulose. Retinyl Palmitate and Ascorbyl Palmitate are the most bioactive forms of vitamins A and C. Combined with vitamin E they create an anti-aging & anti-oxidant complex – providing skin renewal, enhanced skin structure and moisturization, reduced skin irritation, environmental protection and skin whitening benefits.



Lipobead™ Snow White with Crambe

Particle Size: 1,500um

INCI : Mannitol (and) Cellulose (and)
Hydroxypropyl Methylcellulose (and)
Crambe Abyssinica Seed Oil (and)
Titanium Dioxide [nano] / CI 77891 [nano]

CAS #: 69-65-8, 9004-34-6, 9004-65-3, 2245025-
38-9, 13463-67-7

EC #: 200-711-8, 232-674-9, N/A, N/A, 236-675-5



Lipobead™ Snow White with Crambe is a large white bead supplied in dry form. This encapsulant entraps crambe oil – Lipovol™ Crambe – inside a matrix composed of naturally-derived cellulose. Lipovol™ Crambe is a natural sustainable oil extracted from the seeds of the crambe plant. It is rich in erucic acid, an omega-9 fatty acid, and has unique properties compared to other natural triglyceride oils – providing a silky, smooth, soft feel and non-greasy emolliency, nourishing the skin and improving moisturization.



Liposphere™ Golden Pearl with Desert Whale Jojoba

Particle Size: 2,700um

INCI : Agar (and) Simmondsia Chinensis
(Jojoba) Seed Oil (and) Titanium Dioxide
(and) Mica (and) Iron Oxide (and)
Cellulose Gum (and) Water

CAS #: 9002-18-0, 90045-98-0, 13463-67-7, 12001-
26-2, 1309-37-1, 9004-32-4, 7732-18-5

EC #: 232-658-1, 289-964-3, 236-675-5, 601-648-
2, 215-168-2, 618-378-6, 231-791-2



Liposphere™ Golden Pearl with DW Jojoba is a large pearlescent gold sphere supplied in a slurry. This encapsulant entraps Desert Whale jojoba oil – DW Jojoba Golden – inside a matrix composed of naturally-derived agar. DW Jojoba Golden is a natural, sustainable liquid wax ester extracted from jojoba seeds and provides non-greasy emolliency, moisturization and lipid replenishment.



Liposphere™ Mother of Pearl with Liponate™ NPGC-2

Particle Size: 2,700um

INCI : Agar (and) Titanium Dioxide (and) Mica (and) Neopentyl Glycol Dicaprylate/Dicaprate (and) Cellulose Gum (and) Water

CAS #: 9002-18-0, 13463-67-7, 12001-26-2, 70693-32-2, 9004-32-4, 7732-18-5

EC #: 232-658-1, 236-675-5, 601-648-2, 274-764-0, 618-378-6, 231-791-2



Liposphere™ Mother of Pearl with Liponate™ NPGC-2 is a large pearlescent white sphere, supplied in a slurry. This encapsulant entraps a liquid ester, Liponate™ NPGC-2, inside a matrix composed of naturally-derived agar. Liponate™ NPGC-2 has a light, dry, elegant feel; leaves a silky after-feel; and provides emolliency, smoothing and softening benefits.



Liposphere™ Silver Radiance

Particle Size: 1,200um

INCI : Agar (and) Calcium Sodium Borosilicate (and) Titanium Dioxide (and) Cellulose Gum (and) Water

CAS #: 9002-18-0, 65997-17-3, 1317-80-2, 9004-32-4, 7732-18-5aa

EC #: 232-658-1, 266-046-0, 236-675-5, 618-378-6, 231-791-2



Liposphere™ Silver Radiance is a clear, colorless, shimmering sphere that sparkles like a diamond and is supplied in a slurry. This encapsulant contains glitter inside a matrix composed of naturally-derived agar. It melts on the skin during application and creates an immediate shimmer effect, while leaving no shell behind.



Formulation guidelines

Recommended formulation types					
Bead Type	Particle Size (microns)	Physical Form	Surfactant-based Systems	Alcohol-based Systems	Gels, Creams & Lotions
Lipobead™	700-1,500 depending on grade	Dry beads before hydration	•	•	•
Liposphere™	1,200-2,700 depending on grade	Soft beads in slurry	•		•