



UMANG[®]
encapsulation solutions

Home & Personal Care

Division +

A close-up photograph of a hand with a dollop of white cream being applied to the back of the hand. The image is overlaid with a light gray grid. In the top right corner, there is a cluster of blue bubbles of various sizes. In the bottom left corner, there is a cluster of red bubbles of various sizes. The background is split into three horizontal bands: gray at the top, orange in the middle, and gray at the bottom.

“Nature gives you the face you have at twenty;
it is up to you to merit the face you have at fifty.”

Coco Chanel



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About Us

Umang Encapsulation is a Brain Child of Mr. Umang Budhraj who has been an Established Entrepreneur and a Leading Visionary & Lead Umang Pharmatech Private Limited (UPPL), India's Leading Encapsulation Technology Company. We work closely with our clients and understand their products and the wants for the same, based on which we design a complete solution of the products and technology to ensure that we deliver the desired results.

At Umang Encapsulation we ensure that we encapsulate our strengths in enhancing the quality of the products and assist you in gaining market advantage.

Mission/Vision:

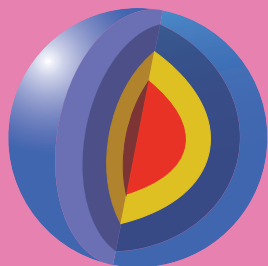
At Umang Encapsulation our vision is to work closely with the clients and provide successful encapsulation solutions by research and development that will add value to our clients' products and processes.

- **What is Sprayspheres SE?**

- Sprayspheres SE consists of **Biodegradable polymer** to form **Spheres, Beads, Pellets Microspheres and Micro granules** to entrap the **active agents, natural pigments, essential oils, natural extracts, Shell nut and fragrances to delivers the aesthetic feel, visual attractive and controlled release** to finish product.
- Sprayspheres SE is **biodegradable**. It is available in different colour and sizes, active agents.
- **Sprayspheres SE Skin care active agent like** this Glycolic acid, Lactic acid, Salicylic acid, Vitamin A, Vitamin C, Coffee extract, Menthol, natural colours and pigments are in White, Red, Yellow, Green, Brown, and Char-coal Black.
- **Sprayspheres SE Hair Care active agent like** Vitamin E, Tea tree oil, Avocado, Aloe-vera, Apple cider vinegar, Oatmeal, Fragrance based exfoliator etc.
- **Sprayspheres SE Body Care active agent like** Apricot shell, Walnut shell, Coconut, Almond, Rice shell, Rosehip, Salt, Sugar, Coffee exfoliator, Fragrance based exfoliator.
- Sprayspheres SE are in **solid form** and **used in Semisolid & liquid based formulation.**



































































SPRAYSPHERES(SE)



SPRAYSPHERES(SE)[®]

Cellulose Spheres

INCI: Microcrystalline Cellulose,
Approved Synthetic Color

Active & INCI	Img	Product Code	Description	Applications
		SE-WH-4006-XS	Extra small white cellulose spherical beads for exfoliation and deep cleansing	   
		SE-WH-4012-VVS	Very very small white cellulose spherical beads for exfoliation and deep cleansing	   
		SE-BR-4067-VS	Very small brown cellulose spherical beads for exfoliation and deep cleansing	   
		SE-BR-4072-S	Small brown cellulose spherical beads for exfoliation and deep cleansing	   
		SE-BL-4023-VVS	Very very small blue cellulose spherical beads for exfoliation and deep cleansing	  
		SE-BL-4023-S	Small blue cellulose spherical beads for exfoliation and deep cleansing	  
		SE-PI-4102-S	Small pink cellulose spherical beads for exfoliation and deep cleansing	  
		SE-PI-4102-M	Medium pink cellulose spherical beads for exfoliation and deep cleansing	  
		SE-RE-4041-VS	Very small red cellulose spherical beads for exfoliation and deep cleansing	  
		SE-RE-4042-S	Small red cellulose spherical beads for exfoliation and deep cleansing	  
		SE-RE-1202-M	Medium red cellulose spherical beads for exfoliation and deep cleansing	  
		SE-YE-4188-S	Small yellow cellulose spherical beads for exfoliation and deep cleansing	 
		SE-YE-4183-VS	Small yellow cellulose spherical beads for exfoliation and deep cleansing	 
		SE-OR-4032-M	Medium orange cellulose spherical beads for exfoliation and deep cleansing	  
		SE-OR-4087-VVS	Very very small orange cellulose spherical beads for exfoliation and deep cleansing	 
		SE-GR-4061-VS	Very small green cellulose spherical beads for exfoliation and deep cleansing	 



Skin Care



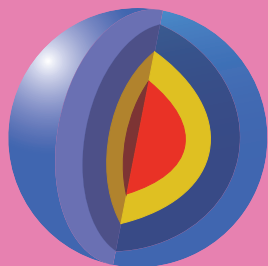
Body Exfoliator































































Foot Exfoliator



Teeth Exfoliator



SPRAYSPHERES(SE)[®]

Active & INCI	Img	Product Code	Description	Applications			
Cellulose Spheres INCI: Microcrystalline Cellulose, Approved Synthetic Color		SE-GR-4067-S	Very small green cellulose spherical beads for exfoliation and deep cleansing				
		SE-BK-4031-VVS	Very very small black cellulose spherical beads for exfoliation and deep cleansing				
		SE-BK-4031-VS	Very small black cellulose spherical beads for exfoliation and deep cleansing				
Silica Exfoliators INCI: Silica (silica Dioxide)		SE-WH1-1001-VS	Very small white silica exfoliators to improve skin strength and elasticity				
		SE-WH1-1001-XS	Extra small white silica exfoliators to improve skin strength and elasticity				
Bamboo Exfoliator INCI: Bamboo Arundinacea		SE-BR-BA-4121-VS	Very Small bamboo exfoliators to regain natural radiance				
Activated Charcoal Exfoliators INCI: Charcoal Powder		SE-BK-CH-4033-VS	Very Small bamboo exfoliators to regain natural radiance				
Oats Exfoliators INCI: Avena Sativa (Oat) Kernel		SE-WH-OAT-4011-VS	Very Small oats exfoliators to remove dirt and oil				
Rice Exfoliators INCI: Oryza Sativa (Rice) Powder		SE-WH-RC-4005-VS	Small yellow cellulose spherical beads for exfoliation and deep cleansing				
Coconut Charcoal Exfoliators INCI: Charcoal Powder		SE-CO-CH-500-VS	Small yellow cellulose spherical beads for exfoliation and deep cleansing				
Coffee Exfoliators INCI: Coffee Arabica (Coffee) Seed Powder		SE-2007-VS	Very small coffee exfoliators to improve the texture of skin				
Sugar Exfoliators INCI: Sucrose		SE-2008-VS	Sugar Exfoliators to brightens even out skin texture				
Salt Exfoliators INCI: Sodium Chloride		SE-2009-VS	Sugar Exfoliators give the skin an attractive and rosy post scrub glow				
Coconut Shell Exfoliator INCI: Cocos Nucifera (Coconut) Shell Powder		SE-BR-CO-4082-VS	Very small coconut shell exfoliator for removing black heads, resulting into smooth skin texture				
Walnut Shell Exfoliator INCI: Juglans Regia Shell Powder		SE-BR-WL-4124-M	Very small walnut shell exfoliator to gently remove impurities				



Skin Care



Body Exfoliator



Foot Exfoliator



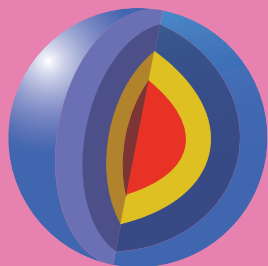
Teeth Exfoliator

- **What is Sprayspheres SC ?**










































- Sprayspheres SC consists of **Biodegradable polymer** to entrap the **active agents, natural pigments, essential oils, natural extracts and fragrances to delivers the aesthetic feel, visual attractive and controlled release** to finish product.
- Sprayspheres SC is **biodegradable and shell has hydrophilic** in nature.
- It is available in different colour and sizes, active agents.
- **Sprayspheres SC Skin Care active agent like** this Neem oil, Vitamin E, Vitamin C, Glycolic acid, Salicylic acid, Argan oil, natural colours and pigments are in White, Red, Yellow, Green, Brown, Charcoal, etc.
- **Sprayspheres SC Hair Care active agent like** Tea tree oil, Salicylic acid, Permethrin, Menthol, Neem oil, Grape seed oil, Vitamin E, Saw palmetto, etc.
- **Sprayspheres SC Body Care active agent like** Menthol, Coffee extract, Charcoal, Neem, Aloe Vera, etc.
- **Sprayspheres SC Home Care active agent like** Fragrance based, Colour based, etc.
- Sprayspheres SC are in solid form and used in Semisolid & liquid based formulation.



SPRAYSPHERES(SC)



SPRAYSPHERES(SC)[®]

Actives	Img	Product Benefit	Application			INCI
Jojoba Oil SC-RE-JJO-1219-S		Super-hydrating & Moisturizing Jojoba oil beads				Simmondsia Chinensis (Jojoba) Seed Oil, Microcrystalline Cellulose, Lactose, hydroxypropyl methylcellulose, Approved synthetic color
Olive Oil SC-REI-1002-S		Moisturizing Olive oil encapsulated Beads				Olea Europaeae (Olive) Fruit Oil, Microcrystalline Cellulose, Lactose, hydroxypropyl methylcellulose, approved synthetic color
Lemon Oil SC-WH1-1003-S		Skin lightening Lemon oil encapsulated beads			 	Citrus medica limonum (Lemon) Peel Oil, Microcrystalline Cellulose, Lactose, hydroxypropyl methylcellulose, Approved synthetic color
Tea Tree Oil SC-PU-TTR-1901-S		Anti Acne tea tree oil encapsulated beads				Melaleuca alternifolia (Tea Tree) Leaf Oil, Microcrystalline Cellulose, Lactose, hydroxypropyl methylcellulose, Approved synthetic color
Tulsi oil SC-TUVE-GR-1261-M		Anti acne & blemish free tulsi oil encapsulated beads				Ocimum Sanctum (Leaf) Oil, Microcrystalline Cellulose, Lactose, hydroxypropyl methylcellulose, Approved synthetic color
Neem oil SC-GRI-1006-S		Anti dandruff & Anti acne neem oil encapsulated beads				Melia azadirachta seed Oil, Microcrystalline Cellulose, Lactose, hydroxypropyl methylcellulose, Approved synthetic color
Peppermint oil SC-WH1-1007-S		Anti-bacterial menthol encapsulated cooling effect beads				Mentha piperita (Peppermint) Oil, Microcrystalline Cellulose, Lactose, hydroxypropyl methylcellulose, Approved synthetic color
Avocado oil VB-GL-AVO-800		Hydrate and moisturizing Avocado oil encapsulated beads				Persea gratissima (Avocado) Oil, Microcrystalline Cellulose, Lactose, hydroxypropyl methylcellulose, Approved synthetic color
Argan oil SC-GRI-1009-M		Argan oil encapsulated hydrating beads				Argania Spinosa Kernel Oil, Microcrystalline Cellulose, Lactose, hydroxypropyl methylcellulose, approved synthetic color
Clove oil SC-BR-CCO-4074-S		Antibacterial and antacne clove oil encapsulated beads				Syzygium aromaticum oil, Microcrystalline Cellulose, Lactose, hydroxypropyl methylcellulose, approved synthetic color
Vitamin E SC-BL-VE-1101-S		Moisturizing and nourishing Vitamin E encapsulated beads				Tocopheryl Acetate, Microcrystalline Cellulose, Lactose, hydroxypropyl methylcellulose, approved synthetic color
Bhringraj oil SC-WH1-1011-S		Bhringraj encapsulated hydrating and antidandruff beads				Eclipta Prostrata Extract, Microcrystalline Cellulose, Lactose, hydroxypropyl methylcellulose, approved synthetic color
Cedarwood oil SC-WH1-1012-S		Anti-inflammatory and antimicrobial cedar wood oil encapsulated beads				Cedrus atlantica, Microcrystalline Cellulose, Lactose, hydroxypropyl methylcellulose, approved synthetic color
Vitamin C SC-YE-VC-1312-M		Skin lightening Vitamin C encapsulated beads				Ascorbic Acid, Microcrystalline Cellulose, Lactose, hydroxypropyl methylcellulose, approved synthetic color



Skin Care



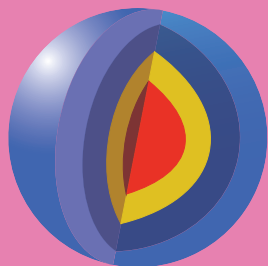
Hair Care









































Oral Care



Home Care



SPRAYSPHERES(SC)[®]

Actives	Img	Product Benefit	Application	INCI
Vitamin A & E SC-BL-VAE-1101-S		Moisturizes and nourishes Vitamin A encapsulated Beads		Retinyl Palmitate, Microcrystalline Cellulose, Lactose, hydroxypropyl methylcellulose, approved synthetic color
Menthol SC-WH-ME-1101-VS		Encapsulated menthol beads for cooling beads	  	Menthol, Microcrystalline Cellulose, Lactose, hydroxypropyl methylcellulose, approved synthetic color
Rose SC-WH1-1021-VS		Encapsulated rose fragrance beads	 	Butyrospermum parkii (Shea Butter), Microcrystalline Cellulose, Lactose, hydroxypropyl methylcellulose, approved synthetic color
Rosemary Extract SC-RE1-1025-VS		Rosemary encapsulated beads for deep cleansing		Rosmarinus Officinalis Extract, Microcrystalline Cellulose, Lactose, hydroxypropyl methylcellulose, approved synthetic color
Pomegranate Extract SC-RE1-1026-VS		Skin rejuvenating and replenishing pomegranate encapsulated beads		Punica Granatum Extract, Microcrystalline Cellulose, Lactose, hydroxypropyl methylcellulose, approved synthetic color
Hyaluronic Acid SC-RE1-1018-VS		Hyaluronic encapsulated moisturizing beads		Sodium Hyaluronate, Microcrystalline Cellulose, Lactose, hydroxypropyl methylcellulose, approved synthetic color
Green Tea SC-GR1-1027-VS		Skin moisturizing green tea encapsulated beads		Camellia Sinensis Leaf Extract, Microcrystalline Cellulose, Lactose, hydroxypropyl methylcellulose, approved synthetic color
Coconut charcoal SC-GR1-1019-VS		Coconut charcoal beads to draw impurities and dirt from your skin	 	Coconut Charcoal, Microcrystalline Cellulose, Lactose, hydroxypropyl methylcellulose, approved synthetic color
Activated Charcoal SC-BK-CH-1753-M		Activated charcoal beads to draw impurities and dirt from your skin	 	Activated Charcoal, Microcrystalline Cellulose, Lactose, hydroxypropyl methylcellulose, approved synthetic color
Mint Oil SC-WH-MIO-4062-M		Antibacterial mint oil encapsulated beads with cooling effect	 	Mentha piperita (Peppermint) Oil, Microcrystalline Cellulose, Lactose, hydroxypropyl methylcellulose, Approved synthetic color
Lavender SC-PU-LA-1801-S		Antiacne & Antiwrinkle Lavender encapsulated beads	  	Lavandula angustifolia, Microcrystalline Cellulose, Lactose, hydroxypropyl methylcellulose, approved synthetic color
Chamomile SC-WH1-1023-VS		Anti-inflammatory and antioxidant beads encapsulated with chamomile	  	Chamomilla Recutita (Matricaria), Microcrystalline Cellulose, Lactose, hydroxypropyl methylcellulose, approved synthetic color
Jasmine SC-WH1-1024-S		Hydrating and skin softening jasmine oil encapsulated beads	  	Jasminum Officinale, Microcrystalline Cellulose, Lactose, hydroxypropyl methylcellulose, Approved synthetic color



Skin Care



Hair Care



Oral Care



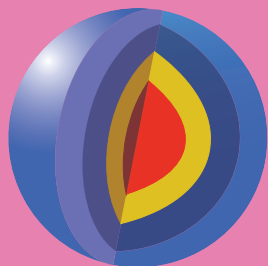
Home Care

- **What is Surprise spheres SS ?**

- Surprise spheres SS **are colour changing beads. easily breakdown with gentle rubbing leaving new colour on skin.**
- Surprise spheres SS is **biodegradable and shell has hydrophilic** in nature.
- It is available in different colour and sizes, active agents.
- Applying pressure to beads the outer pigment shell easily dispersed and emerging a new colour.
- Surprise spheres SS are in solid form and used in Semisolid & liquid based formulation.



SURPRISE SPHERES(SS)



SURPRISE SPHERES(SS)TM

Actives	Img	Product Benefit	Application	INCI
Pink to Cream SS-PI(CR)-3523-VS		Small surprise spheres which have color changing effects from pink to cream		Microcrystalline Cellulose, Lactose, hydroxypropyl methylcellulose, Approved synthetic color
White to Pink SS-WH(PI)- 3504-S		Small surprise spheres which have color changing effects from white to pink		Microcrystalline Cellulose, Lactose, hydroxypropyl methylcellulose, Approved synthetic color
White to Blue SS-WH(BL)-3509-S		Small surprise spheres which have color changing effects from white to blue		Microcrystalline Cellulose, Lactose, hydroxypropyl methylcellulose, Approved synthetic color
Black to White SS-BK(WH)-3523-S		Small surprise spheres which have color changing effects from black to white		Microcrystalline Cellulose, Lactose, hydroxypropyl methylcellulose, Approved synthetic color
White to Green SS-WH(GR)-3502-VS		Very small surprise spheres which have color changing effects from white to green		Microcrystalline Cellulose, Lactose, hydroxypropyl methylcellulose, Approved synthetic color
Red to White SS-WH(RE)-3501-M		Medium surprise spheres which have color changing effects from red to white		Microcrystalline Cellulose, Lactose, hydroxypropyl methylcellulose, Approved synthetic color
White to Yellow SS-WH(YE)-3503-VS		Very small surprise beads which have color changing effects from white to yellow		Microcrystalline Cellulose, Lactose, hydroxypropyl methylcellulose, Approved synthetic color
Blue to Green SS-GR(BL)-3524-VS		Very small surprise beads which have color changing effects from blue to green		Microcrystalline Cellulose, Lactose, hydroxypropyl methylcellulose, Approved synthetic color



Skin Care



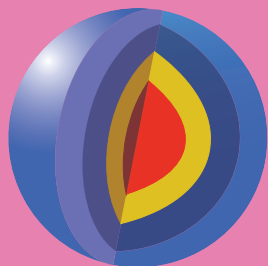
Hair Care

- **What is Luster dust?**





































- Luster dust consist of shining pigment **with active agent to form Luster dust. Active agent** to entrap with shining **pigments, and humectant to delivers the aesthetic feel, visual attractive** to finish product.
- Luster dust easily adhere to skin without any irritation and does not fade the pigment on skin. It has vital role in personal care product like in Skin Care, Eye care, Lip care, and Hair care product.
- It is available in different luster pigments (Golden, Silver, Blue, Green, Purple, etc.)
- Luster dust are in **solid form** and used in **Solid, Powder & gel based formulation.**



LUSTER DUST (LD)



LUSTER DUST

Actives	Img	Product Benefit	Application	INCI
Luster Dust LD-CU-3091		Copper color sparkling dust to provide the ultimate shine	 	Synthetic Fluorphlogopite, Approved synthetic color
Luster Dust LD-YE-3101		Yellow color sparkling dust to provide the ultimate shine	 	Synthetic Fluorphlogopite, Approved synthetic color
Luster Dust LD-GO-8162		Gold color sparkling dust to provide the ultimate shine	   	Synthetic Fluorphlogopite, Approved synthetic color
Luster Dust LD-MSM-8261		Silver color sparkling dust to provide the ultimate shine	 	Synthetic Fluorphlogopite, Approved synthetic color
Luster Dust LD-NPI-8101		Pink color sparkling dust to provide the ultimate shine	 	Synthetic Fluorphlogopite, Approved synthetic color
Luster Dust LD-BL-12648		Blue color sparkling dust to provide the ultimate shine	 	Synthetic Fluorphlogopite, Approved synthetic color
Luster Dust LD-PU-8121		Purple color sparkling dust to provide the ultimate shine	 	Synthetic Fluorphlogopite, Approved synthetic color
Luster Dust LD-GR-12646		Green color sparkling dust to provide the ultimate shine	 	Synthetic Fluorphlogopite, Approved synthetic color
Luster Dust LD-WH-3041		White color sparkling dust to provide the ultimate shine	 	Synthetic Fluorphlogopite, Approved synthetic color
Luster Dust LD-MSM-8261C		Silver color sparkling dust to provide the ultimate shine	 	Synthetic Fluorphlogopite, Approved synthetic color
Luster Dust LD-GO-8162C		Gold color sparkling dust to provide the ultimate shine		Synthetic Fluorphlogopite, Approved synthetic color
Luster Dust LD-RE-12647		Red color sparkling dust to provide the ultimate shine		Synthetic Fluorphlogopite, Approved synthetic color



Skin Care



Hair Care



Oral Care



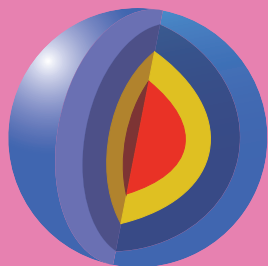
Home Care

- **What is Actifilm?**

- Actifilm consist of Synthetic polymer like HPMC and Sodium CMC to form **Actifilm with various shape** to entrap the **natural pigments, cooling agent and fragrances to delivers the aesthetic feel, visual attractive** to finish product.
- Actifilm is **biodegradable and shell has hydrophilic** in nature it nourishes the skin, body and hair. It has vital role in personal care product like Skin care, Body care, Oral care and Hair care product.
- It is available in different colour and shape (Square, Heart, Pumpkin, Star, Christmas tree, Round, etc.)
- Actifilm active agents like pigments or colour & fragrance, cooling agent (Menthol, Peppermint oil, Spearmint oil)
- Actifilm consist of **dissolving film and non-dissolving film.**
- Actifilm are in **solid form** and used in **Semisolid & gel based formulation**
- Actifilm are in various particle size ranges are 1mm to 3 mm size



ACTIFILMS (AF)



ACTIFILMS (AF)

Actives	Img	Shape	Product Benefit	Application			INCI
Visual Films AF-ST-WH-4042			Star shaped white Actifilms for visual effect				Hydroxypropyl Methylcellulose, Cellulose Gum, Poly (ethylene glycol) 600, approved synthetic color
Pepper mint oil AF-SQ-WH- MIO-6002B			Pepper mint oil encapsulated snowflakes shaped white actifilms				Hydroxypropyl Methylcellulose, Cellulose Gum, Poly (ethylene glycol) 600, Mentha Piperita (Peppermint) Oil, Approved synthetic color
Menthol AF-WH1-3017-HE			Heart shaped white Actifilms				Hydroxypropyl Methylcellulose, Cellulose Gum, Poly (ethylene glycol) 600, Mentha piperita (Peppermint) Oil, Approved synthetic color
Visual Films AF-BE-RE-4222			Menthol encapsulated bell shaped white actifilms				Hydroxypropyl Methylcellulose, Cellulose Gum, Poly (ethylene glycol) 600, Approved synthetic color
Lemon Oil AF-WH1-3003-SQ			Lemon oil encapsulated square shaped white actifilms				Hydroxypropyl Methylcellulose, Cellulose Gum, Poly (ethylene glycol) 600, Citrus medica limonum (Lemon) Peel Oil, Approved synthetic color
Menthol AF-SQ-WHME-4501			Menthol encapsulated square shaped white actifilms				Hydroxypropyl Methylcellulose, Cellulose Gum, Poly (ethylene glycol) 600, Mentha piperita (Peppermint) Oil, Approved synthetic color
Clove Oil AF-WH1-3010-FW			Clove oil encapsulated flower shaped white				Hydroxypropyl Methylcellulose, Cellulose Gum, Poly (ethylene glycol) 600, syzygium aromaticum oil, approved synthetic color
Visual Films AF-SM-GO-4010			Snow man shaped golden actifilms				Hydroxypropyl Methylcellulose, Cellulose Gum, Poly (ethylene glycol) 600, approved synthetic color
Peppermint Oil AF-SQ-WH-MIO-6002B			Peppermint oil encapsulated square shaped white actifilms				Hydroxypropyl Methylcellulose, Cellulose Gum, Poly (ethylene glycol) 600, Mentha Piperita (Peppermint) Oil, Approved synthetic color
Visual Films AF-FI-BL-4057			Fish shaped blue color actifilms				Hydroxypropyl Methylcellulose, Cellulose Gum, Poly (ethylene glycol) 600, approved synthetic color
Visual Films AF-CR-GO-4101			Cross shaped golden color actifilms				Hydroxypropyl Methylcellulose, Cellulose Gum, Poly (ethylene glycol) 600, approved synthetic color
Visual Films LD-GO-8162C			Pumpkin shaped red color actifilms				Hydroxypropyl Methylcellulose, Cellulose Gum, Poly (ethylene glycol) 600, approved synthetic color
Tulsi Oil AF-WH1-3005-TR			Tulsi oil encapsulated tree shaped white actifilms				Hydroxypropyl Methylcellulose, Cellulose Gum, Poly (ethylene glycol) 600, Ocimum Basilicum Oil, Approved synthetic color



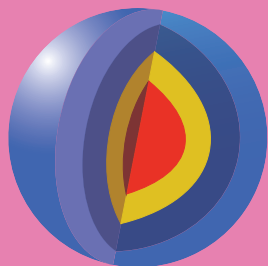
Toothpaste
























































Bath Soap



Bath Bomb



ACTIFILMS (AF)

Actives	Img	Shape	Product Benefit	Application		INCI	
Strawberry AF-PII-3028-CN			Candy shaped pink color actifilms			Hydroxypropyl Methylcellulose, Cellulose Gum, Poly (ethylene glycol) 600, Fragaria Ananassa (Strawberry) Seed Oil, Approved synthetic color	
Visual Films AF-ST-WH-4042			Christmas tree shaped white color actifilms				Hydroxypropyl Methylcellulose, Cellulose Gum, Poly (ethylene glycol) 600, approved synthetic color
Visual Films AF-HE-RE-4021			Heart shaped red color actifilms				Hydroxypropyl Methylcellulose, Cellulose Gum, Poly (ethylene glycol) 600, approved synthetic color
Visual Films AF-FW-RE-4032			Flower shaped red color actifilms				Hydroxypropyl Methylcellulose, Cellulose Gum, Poly (ethylene glycol) 600, Approved synthetic color
Visual Films AF-CN-GO-4104			Candy shaped red color actifilms				Hydroxypropyl Methylcellulose, Cellulose Gum, Poly (ethylene glycol) 600, approved synthetic color
Visual Films AF-FW-GR-4069			Flower shaped green color actifilms				Hydroxypropyl Methylcellulose, Cellulose Gum, Poly (ethylene glycol) 600, approved synthetic color
Visual Films AF-BE-RE-4222			Bell shaped red color actifilms				Hydroxypropyl Methylcellulose, Cellulose Gum, Poly (ethylene glycol) 600, approved synthetic color
Visual Films AF-SF-SI-4038			Snowflakes shaped silver color actifilms				Hydroxypropyl Methylcellulose, Cellulose Gum, Poly (ethylene glycol) 600, approved synthetic color
Visual Films AF-HE-GR-4061			Heart shaped green color actifilms				Hydroxypropyl Methylcellulose, Cellulose Gum, Poly (ethylene glycol) 600, approved synthetic color
Visual Films AF-SM-PI-4019			Snowman shaped pink color actifilms				Hydroxypropyl Methylcellulose, Cellulose Gum, Poly (ethylene glycol) 600, approved synthetic color
Visual Films AF-CN-BL-4060			Candy shaped blue color actifilms				Hydroxypropyl Methylcellulose, Cellulose Gum, Poly (ethylene glycol) 600, approved synthetic color
Visual Films AF-FI-BL-4057			Fish shaped blue color actifilms				Hydroxypropyl Methylcellulose, Cellulose Gum, Poly (ethylene glycol) 600, approved synthetic color



Toothpaste



Bath Soap



Bath Bomb



Our Segments



Engineering &
Pharmaceuticals



Food & Bakery



Nutraceuticals



Personal Care

Our Expertise

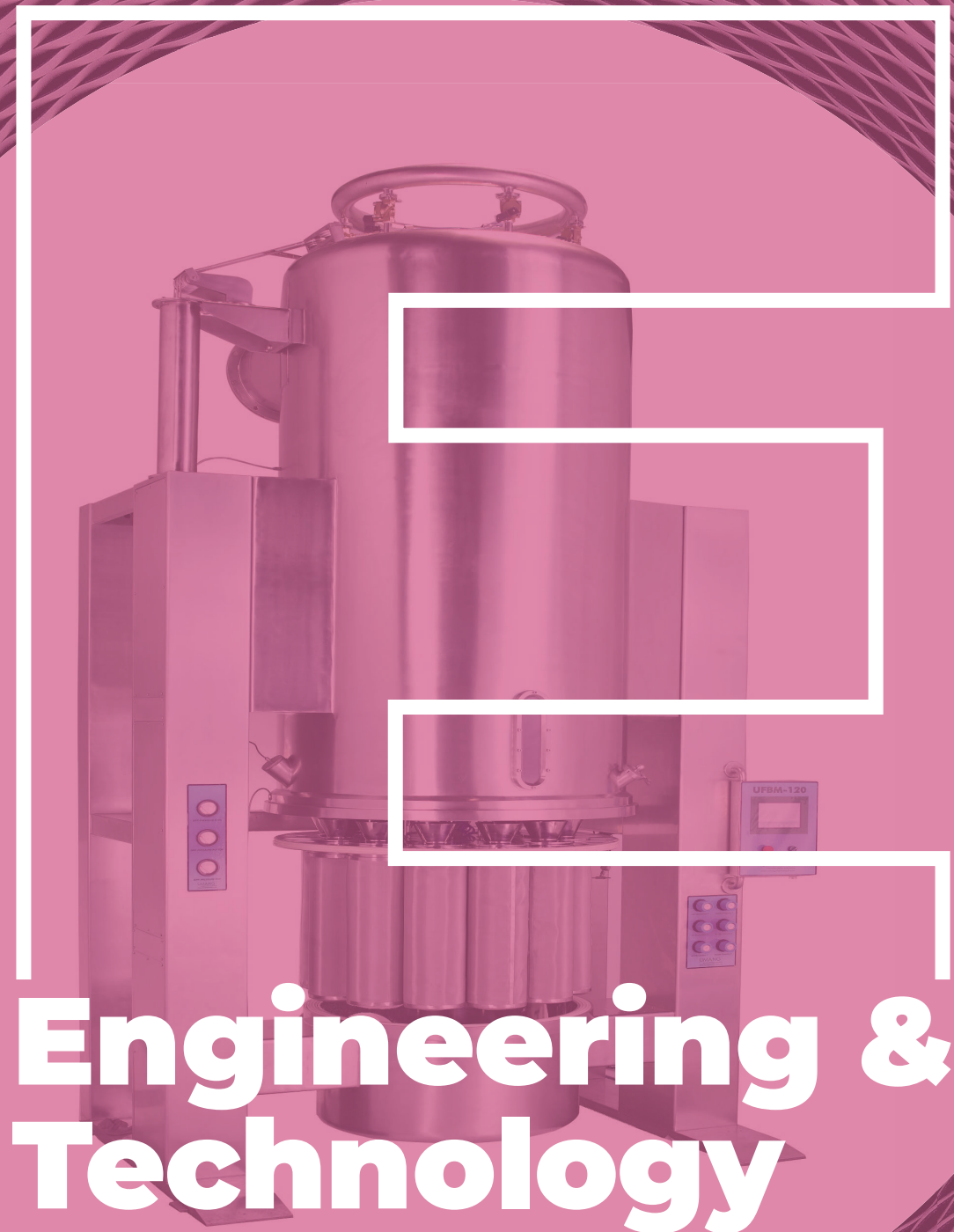
Umang Pharmatech Pvt Ltd, Organization is in the business activity of Encapsulation and Engineering machinery. Company founded in 1982 started business with Machinery for pelletization, later on business expanded by offering a service of Encapsulation / pelletization as a technology solution for personal care, Nutraceutical and Pharmaceutical Industry.

Today Umang is offering a wide range of spray sphere, Beadlets, pellets to various industry base on their application. Every year come with new possibility of encapsulation solution.

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*Our Five Encapsulations of
Goodness
Harmony
Trust
Happiness
Natural*





Engineering & Technology



1. Mixing

It consists of a circular mixing bowl, top lid, top chopper & mixing blade. The mixing bowl top is fully open for easy access & removal of mixing blades. The top lid of the mixing bowl is conical in shape to assist the circulation of cohesive powder. The main Mixing blade is having a unique design and blade angle, thus pushing the material radially outward and upward. The large lumps that occurred during wet mixing are broken up, by the strategically located chopper blade.

The discharge door opens pneumatically at a predetermined time for the formulation and the Product is discharged by centrifugal action into the Discharge funnel.



2. Extrusion

The extrusion operation is a wet granulation technique where the material is charged into the hopper and transferred through a screw mechanism towards pressing cam and out of the orifice of mesh and extrudes of particular dia is formed.

The discharge door opens pneumatically at a predetermined time for the formulation and the Product is discharged by centrifugal action into the Discharge funnel.



3. Spheronizer

Spheronizer consist of Drum which can be jacketed / non-jacketed with the chequered plate inside, extrudes are charged into the Spheronizer drum, they are thrown to the outer periphery of the Chequered plate by centrifugal forces. When in contact with the plate chequering, the extrudes are cut into short cylindrical segments & gradually rounded to spheroids. When the particles attain the required spherical shape they are centrifugally discharge through the discharge door which pneumatically opens into the discharge hopper at the predetermined time.



4. Dryer

The fluid bed dryer consists of an Inlet chamber, Product chamber & filter chamber. The material is charged into the product chamber. The air distribution plate assembled in the product chamber ensures the uniform distribution of air. As per the material to be charged different meshes options are available. drought is induced inside the chamber by means of blower and fresh hot air is sucked from AHU into the bottom inlet chamber.

This hot air stream passes through the bed of the material and gets fluidized the product particles by creating turbulence in the product chamber. This turbulence inside the bed assists in the transportation of the material over the length of the dryer. Due to fluidization, the particles gets surrounded by hot air, which leads to quick & uniform heating and drying.

A photograph of a large industrial manufacturing facility, likely a food processing plant, with a purple color overlay. The scene shows various pieces of machinery, including large metal containers, conveyor systems, and a worker in a blue uniform. A large white letter 'M' is superimposed over the center of the image.

M

**Manufacturing
& Capability**

Umang Pharmatech is more than an equipment manufacturer we stand behind every product we sell. Not only do we strive to provide the best product for each and every application, but we also test, evaluate and maintain our products to assure our client's needs.

Besides we bring together four areas of expertise in an integrated portfolio with solutions for your processes.

You have an idea. We support you along the entire value chain from formulation to the seamless turn-key solution, from product development to the necessary process technologies, right up to the construction of an entire plant. With our quality products and services, innovative technologies, and complete service, we always keep the big picture. Take advantage of our unique, complete expertise. All-inclusive from a single source. To make your business a success.

Encapsulation Process Solutions – that is our philosophy.



Certifications & Qualifications



The Food and Drug Administration (FDA) is an agency within the U.S. Department of Health and Human Services. The FDA is also responsible for the safety and security of most of our nation's food supply, all cosmetics, dietary supplements and products that give off radiation.



Halal certification is a process which ensures the features and quality of the products according to the rules established by the Islamic Council that allow the use of the mark Halal.



Kosher certification is a process by which a company ensures that their food is kosher, or in other words, fit for consumption by observant Jews. Kosher refers to a religious dietary practice that is rooted in Jewish tradition.



The Food Safety and Standards Authority Act is an act used to secure the laws relating to food and to establish science-based standards for food to control their manufacture, storage, distribution, sale, and import, to make sure the availability of food for human consumption and other food-related issues.



A Good Manufacturing Practices (GMP) certification scheme provides independent verification and certification that the basic manufacturing practices and prerequisites necessary for the implementation of an effective Hazard Analysis Critical Control Point (HACCP) food safety programme are being followed.

Our Global Reach



 **Umang Pharmatech Pvt. Ltd. (Engineering)**

 **Umang Global Group Pvt. Ltd. (Pharma)**

 **Umang Particle Science Pvt. Ltd. (Personal Care)**

 **Umang Encapsulation Solutions Pvt. Ltd. (Nutraceuticals & Food)**


 **Labultima Process Technology Pvt. Ltd. (Spray Drying)**



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