

# SPRAYSPHERES® - SC

**INGREDIENTS:** Lactose, Microcrystalline Cellulose, HPMC, Color (1-3%)

## Brief Description and Main Properties

Spray Spheres are used as macroscopic carrier beads for cosmetic care products with a visualization effect. When rubbed onto skin, hair or on teeth during brushing, they break easily, releasing the active contents. This product is part of the standard lactose-based series. Can be used in water-based personal care formulation to provide visual effects, and delivery cosmetic actives for example: vitamin, marine, plant extract, fragrance, flavors etc.

### Solubility

Partially Soluble in water.

### Dosage

1% to 2%

### Shelf Life

3 Years

### Application

- Soaps.
- Emulsions.
- Gels.
- Lotions.
- Creams.
- Toothpaste.

### Encapsulation

Actives, Fragrance, Vitamins, Oils.

## Features

- Only approved synthetic & natural colors used.
- Encapsulation 0-50% depending on actives.
- Easily applied into formulation.
- Both hydrophobic and hydrophilic cosmetic actives can be incorporated.
- Hard and solid in bulk (easy to process and delivery).

## Advantage

- Inclusion of actives & extract with enhancement visual benefits.
- Nourishes skin & hair.
- Disappears on gentle rubbing without leaving any residue on skin & hair upon application.
- It can be utilized as delivery system for encapsulation incompatible actives into same formulation.

## Benefits

- Available in various colors.
- Customizable as per Pantone shade card minimum(30kg).
- Customized options for encapsulation.
- Very less usage level up to - 2% depending on particle size.
- 3-8pH stable except blue color(5-7pH).
- Composition has GRAs status.
- Biodegradable dry spherical beads.
- Beads are hard when dry but soften in contact with at least 20% of water.
- Flexible pack size & packaging available.

## PARTICLE SIZES

**XS = Extra Small = < 0.2 mm**

**VVS = Very Very Small = 0.2 - 0.3 mm**

**VS = Very Small = 0.3 - 0.6 mm**

**S = Small = 0.6 - 0.8 mm**

**M = Medium = 0.8 - 1.4 mm**

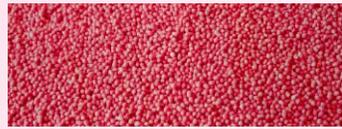
**L = Large = 1.4 -2.0 mm**

**XL = Extra Large = 2 - 5 mm**





SC-RE-VE-1203-VS



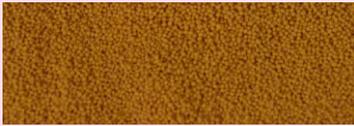
SC-PI-VE-1602-S



SC-OR-1504-VS



SC-BK-1752-S



SC-YE-MIO-1305-S-SAK



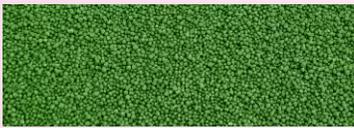
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SC-PI-VE-1604-M



SC-WH-1007-M



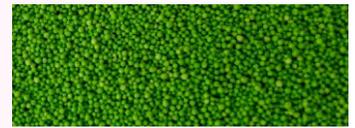
SC-GR-VE-1407-S



SC-GR-VE-1407-S



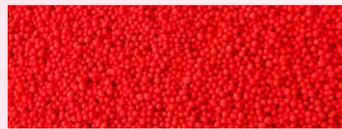
SC-YE-VC-1312-M



SC-GR-VE-1403-M-ERM



SC-WH-VC-1001-S



SC-RE-1208-M



SC-MIX-VE-2501-S



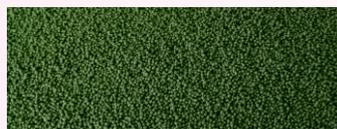
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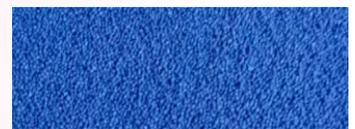
SC-BL-VE-1101-S



SC-GO-1804-S



SC-GR-VE-1415-M



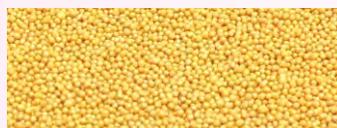
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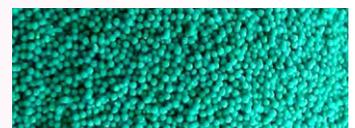
SC-P-GO-3103-M



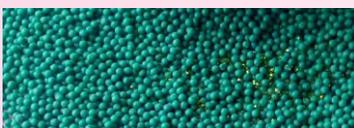
SC-BL-1108-S



SC-GO-1803-M



SC-GR-LEO-1413-S



SC-P-GR-3024-M



SC-GR-VE-1407-S



SC-BL-LEO-1108-S



SC-PI-LEO-1609-S

\*Actual samples may vary slightly in color to that shown in the images above.