

*texturizer, filler, dry lubricant, soft focus agent,
active delivery system*

Application Sheet

Creaspheres® are spherical texturizing powders. They are available in various sizes and in three materials, PMMA, Polymethylsilsesquioxane and Silica. Creaspheres® are used in emulsions and powder applications as they enhance spreadability and give softness to the applications. Creaspheres® also have light diffusing properties due to their shape and refractive indexes. All Creaspheres® products are also available in FDA certified colours.

Creaspheres® DIM products are based on Polymethylsilsesquioxane, which provides silicone-type skin feel. Creaspheres® DIM bring wrinkle filling benefits into emulsions and create a smoother appearance on the skin.

Creaspheres® PMMA consists of Polymethyl Methacrylate. These PMMA beads are used in skin and colour care applications as texture enhancers and soft focus agents. They give a soft skin feel and a matte application.

Creaspheres® SIL are porous silica microbeads, which impart luxurious feel and lubricity to loose and pressed powders and emulsions. Creaspheres® SIL improve wear of powder applications on oily skin types as the Creaspheres® SIL beads absorb excess oil providing a long lasting, matte appearance. Creaspheres® SIL can also act as active or fragrance delivery system as the beads can hold actives and perfumes by adsorption on the surface, and by absorption in the core.

Trade Name	INCI Name
Creaspheres® DIM WL 1	Polymethylsilsesquioxane
Creaspheres® DIM WL 2	Polymethylsilsesquioxane
Creaspheres® DIM WL 4	Polymethylsilsesquioxane
Creaspheres® DIM WL 10	Polymethylsilsesquioxane
Creaspheres® PMMA WL 6	Polymethyl Methacrylate
Creaspheres® SIL WL 3	Silica
Creaspheres® SIL WL 6	Silica
Creaspheres® SIL WL 9	Silica

In addition to standard sizes, Creaspheres® can be custom tailored to be available in sizes from 1 microns to 20 microns.

Benefits

- improved application and wear qualities
- soft feel
- dry lubricity
- light diffusion
- matte appearance
- pigment enhancer
- wrinkle filling

Properties

- spherical shape
- particle size 3, 6 or 9 microns
- photostable
- high heat stability
- various colours



Application Areas

Skin Care

Creaspheres® can be used in skin care emulsions as texturizing agents to improve the application and feel of emulsions. They also create a soft focus effect and provide wrinkle filling properties.

Sun Care

Creaspheres® can be used in sun care emulsions to reduce the tackiness and shininess of sunscreens. Creaspheres® are compatible with inorganic UV-filters and they are completely photostable. Creaspheres® SIL are compatible also with organic UV-filters.

Colour Care

Creaspheres® are ideal for both loose and pressed powder applications and for colour care emulsions such as foundations, primers and highlighters. They can also be used to enhance the application properties of anhydrous and wax systems.

Creaspheres® enhance application and wear properties of colour care applications by acting as dry lubricant due to their spherical shape. They provide soft feel and matte application with light diffusing properties. The coloured Creaspheres® are ideal for colour care applications. They can reduce the use of typical colourants and intensify shades in colour care products.

Formulating

Creaspheres® mix easily with pigments and organic colours and they are compatible with all binder systems. Creaspheres® are not heat sensitive and they can tolerate grinding.

Creaspheres® PMMAs may be sensitive to organic UV-filters and some perfumes. When formulating with Creaspheres® PMMAs, it is always best to test the compatibility with the perfume.

Emulsions

Creaspheres® should be added to the oil phase or to the final formulation after emulsification. Creaspheres® tolerate homogenizing well.

Typical use level: 3-5%

Powder Applications

Creaspheres® should be added to the powder base before colour shading and the addition of binders.

Typical use level: 5-35%

Lipsticks

Creaspheres® can be added directly to the lipstick base as they are not heat sensitive.

Typical use level: 3-5%

Packaging: 25 kg sealed aluminium bag in cardboard box