

- SPHERILEX® 10 PC: a spherical silica delivering a one-of-a-kind skin feel
- An environmentally friendly alternative to microplastics

Evonik presents SPHERILEX® 10 PC, a new specialty silica for the cosmetics industry. The spherical silica particles represent a versatile, environmentally friendly alternative to microplastics, and are particularly suitable for use in decorative cosmetics such as personal care products that remain on the skin.

Its homogeneous particle-size distribution and controlled porosity deliver a unique combination of properties for a wide range of cosmetic applications and an especially pleasant, natural skin feel.

As a component of lipsticks or powders, SPHERILEX® 10 PC imparts a silky, matte look and a velvety, non-dry skin feel. Its unique light-refracting properties make fine lines and wrinkles less visible and results in a uniform, matte complexion.

Julia Stürmer from silica marketing at Personal Care said: “SPHERILEX® 10 PC allows us to serve the continuing high demand for functional additives that improve the look and feel of cosmetic products.”

The special characteristics of the round silica particles also help minimize the slightly sticky feel typical of many sunscreen products. The exceptional profile of SPHERILEX® 10 PC is rounded out by its consistently high quality and by how well it can be processed in combination with many other cosmetic ingredients.

SPHERILEX® 10 PC is listed as “nature identical” by the International Natural and Organic Cosmetics Association (NATRUE), a global association dedicated to promoting natural skin care. The product also bears the COSMOS label, making it suitable for use in natural cosmetic products. These spherical specialty silicas are listed with INCI as hydrated silica. Plus, they also meet the standards for “derived mineral ingredients” as defined in ISO 16128-1.

Evonik is a leading global manufacturer of silica. In addition to the fumed silica AEROSIL® and the precipitated silica ULTRASIL®, SIPERNAT®, ZEODENT® and SPHERILEX®, Evonik also produces silica based matting agents under the brand name ACEMATT® and other fumed metal oxides under the brand AEROXIDE®. Overall, Evonik has a global production capacity for all silica based products of about 1 million metric tons/year.