

Press Release



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Covestro premieres at the in-cosmetics trade show in Paris

Innovative beauty solutions

Polyurethane film-formers for skin and sun care products

The in-cosmetics from April 12-14, 2016, in Paris marks the first time that Covestro, formerly Bayer MaterialScience, is appearing at the show under its new name. "Inventing Beauty Solutions For You" is the theme at Stand E55, where the cosmetics unit is showcasing innovative beauty solutions based on Baycusan[®] brand polyurethane raw materials.

These film-formers have established themselves in the cosmetics industry as multifunctional raw materials – as "The Beauty Enabler." Innovative, sustainable and versatile, they support numerous new applications, for instance in cosmetic formulations for skin, sun and hair care products, and for decorative cosmetics.

Innovation award for protecting skin against environmental influences

An increasingly important and widespread issue of our time is rising air pollution. Pollutants with particle sizes of 2.5 micrometers or less (PM 2.5), known as particulate matter, contaminate the air in major cities and dense urban areas. They are a mixture of small solid particles and liquid droplets found in the air. This kind of pollution can leave its mark on the skin, making young, healthy skin age prematurely.

Covestro recognized this trend at an early stage and has developed concepts for a new generation of skin protectants. They are based on Baycusan[®] C 1004, which is listed under the name "Polyurethane-35" in the International Nomenclature of Cosmetic Ingredients (INCI) and has been approved for the Chinese market. In recognition of the film-former's outstanding protective effect, the company recently received an Innovation Award at the Personal Care and Homecare Ingredients (PCHI) trade show in Shanghai.



Skin care products containing this raw material form a transparent, non-occlusive film. This patented beauty solution keeps pores clean and acts like an invisible barrier, protecting skin against particulate matter.

For effective skin care and a flawless complexion

Another ingredient in skin care products is the film-former Baycusan® C 1000. “Daytime products such as moisturizers benefit from this ingredient, as do cosmetic products for treating acne, skin pigmentation and wrinkles,” says Dr. Paula Rodrigues, head of Cosmetics at Covestro. “In formulations containing hyaluronic acid, ascorbyl glucosides, retinol or salicylic acid, we succeeded in confirming that our raw material enhances the effect of these active ingredients thanks to their controlled release during film formation. The result is silky skin that can still breath.”

Wrinkles and skin blemishes can be very noticeable, especially when there is strong contrast between lighter and darker areas. Skin care products with five percent by weight Baycusan® C 1005 have a blurring or smoothing effect on the skin. Covestro's Cosmetics team measured the optical properties, successfully proving that the raw material uniformly diffuses light. The complexion is more even and fresh; the skin looks natural and has no shine, thanks to the added effect of Baycusan® C 1005.

Sunscreens with innovative textures

Consumers want highly effective sun protection products that display effective water resistance and form a transparent film on wet skin. With the new, ethanol-based polyurethane film-former Baycusan® C 2000, Covestro has developed precisely the right product to meet these requirements. Sprays, gels and oils formulated with this raw material are easy to spread and feel good on the skin. Just a small amount of Baycusan® C 2000 added to sunscreen formulations significantly increases the sun protection factor and promotes excellent water resistance.

About Covestro:

With 2015 sales of EUR 12.1 billion, Covestro is among the world's largest polymer companies. Business activities are focused on the manufacture of high-tech polymer materials and the development of innovative solutions for products used in many areas of daily life. The main segments served are the automotive, electrical and electronics, construction and the sports and leisure industries. Covestro, formerly Bayer MaterialScience, has 30 production sites around the globe and as of the end of 2015 employed approximately 15,800 people (full-time equivalents).



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