



CREATIONS SOLAIRES®

Dedicated systems for UV-protection

THE INNOVATION COMPANY® offers an extensive sun care products range from Créations Solaires® division. We offer Ultra Violet Radiation Protection (UVRP) systems based on mineral UV-filters, which cover the whole spectrum of cosmetics regulated UV-filters, and one uniquely GRASE FDA filters. One of our specialities are composite technologies, which allow combining UVR protection and texture. Our UVR composites are based on various substrates such as silica, ceramics, polymers and mica. We also provide a range of photostable UV-dispersions based on Titanium Dioxide or Zinc Oxide. What matters most to us is to create innovative products respecting your skin and the environment which allow a total satisfaction. Along with our products, we are constantly coming up with modern and fashionable formulation concepts in which our ingredients are used, and we are always happy to share these concepts with our customers.



The best choices of our formulations

The new concept for efficient sun care is UVB UVA, which provide products offer in powder and dispersion to protect our skin. The solution is to make a protective film on the skin during daytime based purely on non-invasive mineral UV-filters, as Titanium dioxide and Zinc Oxide.

Dispersions :

- » Creasperse® THX CW UVA AF UV 65 : rutile Titanium dioxide as UV filter (nano)
- » Creasperse® THX CW UVA AF UV 70 : Zinc Oxide as UV filter (nano)

Test available in our testing laboratory :

» **UVA/UVB Sunscreen Analysis** with Labsphere's UV-2000S allows to achieve accurate *In Vitro* SPF / UVA protection factor analysis of sun care products developed to receive the "very high" sun protection label. It also has a new software, which allows meeting ISO 24443 standard.

» **Accelerated photostability testing.** The sun test solar simulator, type CPS+ is used to measure the photostability of UV-filters. A solar simulator (also called artificial sun) is a device that provides illumination approximating natural sunlight. the purpose of the solar simulator is to provide a controllable in-door test facility under laboratory conditions.

» **Scanning Electron Microscope (SEM) with EDX.** SEM provides detailed high-resolution images of the sample whereas EDX (Energy Dispersive X-ray Analyzer) is used to provide elemental identification and quantitative compositional information. This is an ideal technique to analyze the distribution of physical UV-filters in an emulsion, or on the skin.



Labsphere®
UV-2000S

Suntest CPS+



Scanning Electron
Microscope / EDX