

〈教育セミナー〉

光老化を防御する—光に関する基本知識から最新のサンケア製品まで—

サンスクリーン製剤化技術の特徴

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**Characteristics of Sunscreen Formula Technology**

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**Abstract**

Along with the increasing awareness to protect the skin from UV light in these days, multi-functionalization is required to sunscreen not only for pool, sea and sports use, but also for daily use. In addition to UV protection efficacy, less burden use feeling on the skin such as transparency after applying, moisturizing effect and comfortable feeling is needed. In order to achieve both high UV protection efficacy and comfortable use feeling, efficient UV protection is very important. This article reviews UV filters with high UVA protection efficacy and high transparency by using plate like zinc oxide. And also it reviews the formulation technology with high moisturizing effect by using plate like zinc oxide and oil, and even protection film technology with  $\alpha$ -gel capsule of UV absorbers.

**Key words:** UV, sunscreen, zinc oxide, UV absorbers,  $\alpha$  gel.