

**UV-alarm
EBM AIRLESS**
detects UV light
and reminds users
to keep
light-sensitive
skincare products
out of direct
sunlight.



**UV-alarm
Sunscreen Tubes**
change color
when exposed to
UV rays to
provide a visual
reminder for users
to reapply.

UV-Alarm, color-changing packaging is here for skincare applications and light-sensitive skincare products.

Color-changing packaging is plastic components with photochromic dyes that can react to UV light exposure.

SR Packaging offers color-changing UV-alarm tubes, bottles and jars to remind users to reapply sunscreen or keep delicate skincare products out of sunlight.

Turn plastics into UV-alarm packaging

It's the use of photochromic dyes for plastics to make special compounds that change color when exposed to ultraviolet (UV) light, or sunlight.

The speed of the color transit depends on the intensity of sunlight and the adding ratio of photochromic dyes.

Safety compliances and ready to recycle

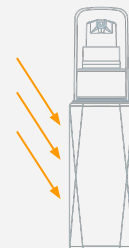
Ensuring safe skincare and cosmetic product usage, it is compliant with RoHS and EN-71-3 standards, aligning with FDA regulations.

While being innovative and visually appealing, the mono-material UV-alarm packaging is also recyclable post-use.

UV-alarm
packaging
videos

Tubes

EBM airless



→ UV Light Absorption

When UV light hits components, it absorbs the light energy, causing a structural change in the molecule.



→ Color Change

This structural change leads to a distinguishable color change on the components.



→ Reversibility

By removing UV light, the molecule returns to its original state, and the component reverses to its original color.