

# SUNGUARD STRIPS

## Simple Novel Device to Guide Individuals against Overexposure to Harmful UV Light

### Use It as a Guide While Tanning in the Sun or a Tanning Bed

It is well known that ultraviolet (UV) radiation from sunlight is potentially harmful to humans. Millions of people suffer from various forms of skin cancer. While not completely eliminating the danger **SUNGUARD STRIPS** forewarn a user of overexposure to harmful UV rays.

As the level of UV exposure (time in the sun) increases, **SUNGUARD STRIPS** go through a range of colors from yellow (Pic 1) to blue to dark green in the single sticker providing an easy way to monitor exposure. Just watch the shapes of **SUNGUARD STRIPS** change color and compare them to an insert reference sheet – it is that easy!

Before exposure



1

Within minutes after exposure



2

A fast color change within minutes means that **SUNGUARD STRIPS** have been activated and are working to keep you safer in the sun (Pic 2).

**SUNGUARD STRIPS** are calibrated to read both half (1/2) and one (1) full Minimum Erythral Dose (MED) for Skin Type II (Caucasian, burns easily, tans minimally)\*. (CAUTION and DANGER labels, respectively).

You will have been exposed to half (1/2) MED once the color of the "CAUTION" sun's "center" blends completely with the color of the sun's "rays" (Pic 3).

Half (1/2) MED is reached



3

You will have been exposed to full (1) MED once the color of the "DANGER" sun's "center" blends completely with the color of the sun's "rays" (Pic 4).

Full (1) MED is reached



4

Full (1) MED is exceeded



5

The medical community states that exposure to 1 MED results in a reddening of the skin. After 1 MED is reached people with fair and medium complexion are advised to seek protection from the sun. Since **SUNGUARD STRIPS** are calibrated to 1 MED, such factors as skin type, weather and time of day are integrated into **SUNGUARD STRIPS** color change.

Sunscreen can be applied to **SUNGUARD STRIPS**, so that the user knows the exposure with a particular grade of sunscreen on. **SUNGUARD STRIPS** can be worn by beachgoers, gardeners, hikers, construction workers, life guards, outdoor painters, landscapers, golfers and anyone else who spends a lot of time outdoors. **SUNGUARD STRIPS** can even be used to check the amount of UV one receives while using a tanning bed.

**SUNGUARD Strips** are supplied on Self-Adhesive Stickers Packaged in a Light Protected Envelope and are Completely Disposable after Use

**PLEASE TAN OR SUNBATHE RESPONSIBLY. SUNGUARD STRIPS PRODUCTS ARE ONLY A GUIDE TO SAFE UV EXPOSURE, NOT AN OUTRIGHT PROTECTION FROM THE SUN.**

\*You can read more about Skin Types, safe tanning and sunbathing on FDA and EPA SunWise program sites

<http://www.fda.gov/cdrh/consumer/tanning.html>

<http://www.epa.gov/sunwise>

You are welcome to call us to learn more about the technology.

Samples are available upon request.

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