



Powered by SPD UV

## UV SAFETY FACTS YOU SHOULD KNOW TO MINIMIZE RISK

# AN EDUCATED UV USER IS A SAFE UV USER

*PERSONAL PROTECTIVE EQUIPMENT (PPE) AND SAFE INDUSTRIAL USE.*

Most personal protection risk associated with UV (Ultraviolet Light) is due to lack of knowledge and implementation of recommended PPE for UV. The proper use of PPE UV safety recommendations makes for a safe work.

Even in everyday life there are safety recommendations made for personal protection.

Example Sun tanning – It is advised to use sun block SPF to reduce or minimize any harmful risks, which is proven not to be 100% effective. However, the recommended PPE (Tyvek, gloves & #3 UV face mask) does block all UV (UVA, UVB & UVC) and makes for a safe process for the user.

The phrases "commercial environment" or "regulated work area" are not without meaning or purpose. These are commercial working areas or industrial environments that are restricted to approved personnel with knowledge and understanding of regulations and requirements. Some working in these areas possess specialty training and PPE unique to their job function such as:

- **PAINTING** - *Skin and Breathing Protection*
- **WELDING** - *Skin and Eye Protection*
- **UV CURING** - *Skin and Eye Protection*



Painting requires an allocated area where PPE includes a respirator that prohibits inhalation of chemicals and skin coverage to inhibit the absorption of chemicals into the skin and lungs.



Welding requires an allocated area where PPE includes a facemask with UV protection for the eyes and skin coverage that protects from burns both from heat or UV as well as sparks or splatter.



UV Curing (stationary & mobile handheld systems) requires an allocated area where PPE includes a face mask with UV protection and skin coverage.

**Note:** UVFastlane Systems are ozone free and therefore DO NOT require any special respiratory masks

## WHAT IS THE MOST IMPORTANT THING TO NOTE ABOUT UV WHEN IT COMES TO USER/HUMAN SAFETY IN INDUSTRIAL OR COMMERCIAL APPLICATIONS?

Currently there are ongoing discussions found in a variety of websites debating which type of UV Ultraviolet (UVA UVB OR UVC) is more harmful or safer than the other. There is no shortcut when it comes to the responsible use of UV system and recommended PPE safety. Some companies imply that they are eliminating the harmful UV rays with their system in reality, any UV light can be dangerous without the proper knowledge. The simple fact is - whether it's the Sun or any UV curing system, full UV protection must be used to minimize the risks.

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**DON'T WAIT TO PAINT!**<sup>®</sup>

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