

PRODUCT OVERVIEW

Permanent UV stability in liquid urethane products is not possible. Ultimately, the only option is to delay the degrading effects (color change and surface break down) of ultraviolet light on these materials. Sun Devil™ is a one component liquid additive that will slow color change and physical degradation due to UV exposure for many Smooth-On liquid urethane products. Sun Devil™ is added by weight (gram scale required) to the urethane rubber, plastic or foam system. Results will vary and will depend on intensity and duration of exposure to UV light to the cured material over time.

PROCESSING RECOMMENDATIONS

PREPARATION...

Failure to follow directions may result in the urethane system not curing or not attaining ultimate physical and performance properties. Follow safety precautions listed on the urethane material technical bulletin and MSDS. Store and use all materials at room temperature (73°F/23°C).

MEASURING & MIXING...

Sun Devil™ is added as 1% of the total weight to the urethane system. Use a gram scale for best results.

Do not add more than 1% of total system weight.

1. Calculate the required amounts of Part A and Part B of the urethane rubber, plastic or foam system by weight to be combined.
2. Calculate 1% of that total to determine the amount of Sun Devil™ to use.
3. Pre-mix Sun Devil™ thoroughly with Part B and then add Part A. Mix all three components thoroughly according to the urethane material technical bulletin and apply material.

Example: Adding Sun Devil™ to 1000 grams total weight of VytaFlex™ 30 Urethane Rubber

- Mix Ratio of VytaFlex™ 30 by weight; 100 Parts A + 100 Parts B

VytaFlex® Part B	+ Sun Devil®	Part B & Sun Devil®	+ VytaFlex® Part A	Part B, Sun Devil® & Part A
500 grams	10 grams	Mix Thoroughly	500 grams	Mix Thoroughly & Apply

Example: Adding Sun Devil™ to 475 grams total weight of Smooth-Cast™ 300 Urethane Plastic

- Mix Ratio of Smooth-Cast™ 300 by weight; 100 Parts A + 90 Parts B

SC300 Part B	+ Sun Devil®	Part B & Sun Devil®	+ SC300 Part A	Part B, Sun Devil® & Part A
225 grams	4.75 grams	Mix Thoroughly	250 grams	Mix Thoroughly & Apply

Safety First!

The material safety data sheet (MSDS) for this or any Smooth-On product should be read before using and is available on request. All Smooth-On products are safe to use if directions are read and followed carefully.

IMPORTANT - The information contained in this bulletin is considered accurate. However, no warranty is expressed or implied regarding the accuracy of the data, the results to be obtained from the use thereof, or that any such use will not infringe a copyright or patent. User shall determine suitability of the product for the intended application and assume all associated risks and liability.



Call Us Anytime With Questions About Your Application.

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www.smooth-on.com is loaded with information about moldmaking, casting and more.

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