

# SO-Strong® Colorants

For Urethane Rubbers, Plastics, & Foams



www.smooth-on.com

## PRODUCT OVERVIEW

**SO-Strong®** liquid urethane colorants can be added to any Smooth-On liquid urethane rubber, urethane plastic or urethane foam (do not use with Smooth-On silicones). They can be used to create a variety of color effects for a wide range of material applications. For glowing fluorescent color effects, use **Ignite®** colorants.

**SO-Strong®** colorants are highly concentrated, offer excellent dispersion and consistent color. A very small amount will color a proportionally large amount of liquid urethane material. The more you add in proportion to the volume of liquid urethane, the more dramatic the color effect. Recommended loading range is .01% to 3% of total system weight. Do not overload the liquid urethane system or cure inhibition / oozing may occur.

**User determines amount to add;** If this is your first time adding color to a urethane system, you may want to test the color effect by adding a few drops to a small amount of urethane material and observe the outcome. It may take a few test castings to attain the desired color outcome.

**Color Tints:** Black, Yellow, Brown, Purple, Green, Orange, Red and Blue. **Color Pigments:** White and Fleshtone

## SO-Strong® Color Reference Chart

NOTE-All Values Are Approximate

<b>BLACK</b> Pantone Process Black C	<b>WHITE</b> Pantone White C	<b>BROWN</b> Pantone 1545	<b>YELLOW</b> Pantone 102	<b>PURPLE</b> Pantone Violet C
<b>GREEN</b> Pantone 3298	<b>ORANGE</b> Pantone 179	<b>RED</b> Pantone 200	<b>FLESHTONE</b> Pantone 473	<b>BLUE</b> Pantone Reflex Blue

## PROCESSING RECOMMENDATIONS

To get you started, we offer the following colorant loading levels. Results may vary.

**By Weight Using A Gram Scale:** Add SO-Strong® colorant at a ratio of between 0.01% - 3% of the total weight (Parts A + B mixed) of the material being cast. Adding more than 3% by weight may cause cure inhibition.

**By Volume Measured In Drops:** Add 10 drops of SO Strong® per 3 oz (88 ml) of mixed urethane material. If using a translucent material (like Smooth-Cast® 325) you can use 1 drop to maintain translucency of the material.

**Directions For Use:** Store and use at 73°F / 23°C. Wear vinyl gloves to prevent skin contact. After dispensing the required amount of urethane material Parts A and B into measuring containers, add colorant to Part B and mix thoroughly. Combine Parts A and B into a mixing container and mix as directed by the urethane product technical bulletin.

**Blending Colors:** Combine different colors on a palette to create a custom blended color before adding to material as directed above.

**IMPORTANT** - The Pantone Color Matching System is most commonly used in the printing industry to communicate color. As it relates to Smooth-On color tints and pigments, the represented color is an approximation and people's interpretation of these colors may vary. The user will determine suitability of a color or combination of colors for the rubber, resin, foam or other product used specifically for their application. Due to the variability in products that are being colored, application, color concentration and other factors, Smooth-On makes no warranty with regards to color and outcome with any product.



Call Us Anytime With Questions About Your Application.

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The new [www.smooth-on.com](http://www.smooth-on.com) is loaded with information about moldmaking, casting and more.

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