

FuseFX – S-300 Series FISC Pigments

PRODUCT OVERVIEW TECHNICAL OVERVIEW

Preparation, Mixing and Applying

These **FISC Silicone Pigments** (AKA Functional Intrinsic Skin Colors) are the fundamental basics of all human skin tones. Adding a few drops of these pigments to your clear Platinum silicone (example: Smooth-On's Dragon Skin, Ecoflex, Renew Platinum Silicones etc...) will give you a foundation to mimic human flesh.

FISC Silicone Pigments are versatile and easy to use silicone pigments developed for medical prosthesis, special effects prosthetic artisans, doll makers, etc. to easily create a skintone base color effects for their platinum silicone creations.

Once demold, you can complete the coloring by using **FuseFX** line of Platinum silicone paints.

We recommend that the cured piece to be painted, be no more than 2 days old.

Clean All Surfaces That Will Contact FuseFX Paints - All surfaces to be painted, need to be free of any contaminants (especially mold release). If necessary, clean all surfaces with solvent (Toluene, Xylene, or Naphtha), and allow to dry before painting.

FuseFX S-300 Series FISC Silicone Pigments Can be used in ALL silicone bases.

ALWAYS SHAKE WELL BEFORE USE

Due to the nature of how the silicone pigments are suspended for dispersion, it is strongly advise to **SHAKE WELL before use.**

Even if the bottle has been sitting for a few minutes, it's always best to shake well again before using.

Mix Ratio:

A basic mixing ration of 3 drops of pigments per 10 grams by weight of civilized silicone.

This ration is for a 10 shore Platinum base silicone, ex: Smooth-On Dragon skin, Smooth-On 910, Renew 10, etc...

You may have to add less pigment for softer silicone such as Smooth-On's Echo-Flex lines or silicones that have additives like Smooth-On's Slacker, thinners, fluids or other additives.

Adding too much pigment can alter the color, adding too little pigments will make your piece too translucent.

ALWAYS RUN A TEST SAMPLE FIRST.

It's cheaper to ruin a 10 gram test sample that to ruin a 300 gram batch.

Drops of pigment to silicone.

The ratio is 3 drops for every 10 grams of mixed (catalyzed) silicone.

Example:

- 3 drops for 10 grams of silicone
- 6 drops for 20 grams of silicone
- 30 drops for 100 grams or silicone
- 60 drops for 200 grams of silicone

Some ratios that may be of help...

For example:

One bottle of S-304 contains 30 grams or approx. 1,000 drops. So one bottle of S-304 pigment could tint approx. 3,300 grams of silicone, approx. 7.2 pounds or 116.4 oz.

This is not precise but very close. Some pigments are heavier than others.

0.55 grams = 20 drops

0.83 grams = 30 drops

1.1 grams = 40 drops

1.6 grams = 60 drops

2.2 grams = 80 drops

2.7 grams = 100 drops

Safety First

The Material Safety Data Sheet (MSDS) for this or any FuseFX product should be read prior to use and is available upon request from www.FuseFX.ca. All FuseFX products are safe to use if directions are read and followed carefully. Be careful. Contact with eyes may cause irritation. Flush eyes with soap and water for 15 minutes and seek immediate medical attention. Remove from skin with waterless hand cleaner followed by soap and water.

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 upon a patent. User shall determine the suitability of the product for the intended application and assume all risk and liability whatsoever in connection therewith.