

Psycho Paint®

Platinum Silicone Paint Base



www.smooth-on.com

PRODUCT OVERVIEW

Psycho Paint® is a versatile and easy to use platinum silicone paint base developed to help special effects and prosthetic artisans, doll makers, etc. easily create painted-on color effects for their platinum silicone creations. It is a two component translucent clear platinum-cure silicone that is used to make a base for color pigmentation. Once the desired color is attained, **Psycho Paint®** is thinned with a solvent. Thin layers of paint can be then be applied to a model's surface (made of Dragon Skin®, Ecoflex® or other platinum silicone) using an airbrush. It can also be applied by brushing.

Colored **Psycho Paint®** will bond to the model's surface and offers good abrasion resistance. It is very strong and will stretch and bend with the model without cracking or peeling. Need to temporarily adhere your silicone mask, prosthetic device or other creation to your skin? Ask your Smooth-On distributor about "**Slacker®**" Tactile Mutator and "**Skin-Tite®**" adhesion promoter.

TECHNICAL OVERVIEW

Mix Ratio: 1A : 1B + solvent by weight or volume

Specific Gravity, g/cc: 1.07 (ASTM D-1475)

Pot Life: 45 minutes with solvent (73°F/23°C) (ASTM D-2471)

Tack Free: 2 hours (73°F/23°C)

Color: Translucent Clear

Elongation @ Break: 1000% (ASTM D-412)

* All values measured after 7 days at 73°F/23°C

PROCESSING RECOMMENDATIONS

PREPARATION...Safety - Use in a properly ventilated area ("room size" ventilation). Wear safety glasses, long sleeves and rubber gloves to minimize contamination risk. Wear vinyl gloves only. Latex gloves will inhibit the cure of the rubber.

Store and use all products at room temperature (73°F / 23°C). This product has a limited shelf life and should be used as soon as possible. Silicone surfaces to be painted can only be Platinum (addition) cured systems. For optimum results the silicone skin/surface, should be painted as soon as possible after demolding. We recommend that the cured piece to be painted be no more than 2 days old.

Clean All Surfaces That Will Contact Psycho Paint® -

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 Naptha), and allow to dry before painting.

MEASURING & MIXING...

Measuring Is Done By Volume - The recommended mix ratio is 100 Parts A + 100 Part B + 200 Parts Solvent.

Adding Color To Psycho Paint® - Silc Pig® silicone pigments are compatible with Psycho Paint®. There are several colors to choose from, and you can mix colors to create custom colors. The most accurate way to add pigment is by weight (using a gram scale). We recommend beginning by pre-mixing 2% pigment by weight to Part B and pre-mixing thoroughly. Do not exceed a 5% pigment load of the total weight (A+B). You can also use powdered cosmetic pigments to color Psycho Paint®, however a compatibility test is recommended.

Adding Solvent - Once a desirable color effect is attained, add an equal amount of Psycho Paint® Part A. Next, add 200 Parts of solvent. Toluene works the best. Xylene or Naptha are also suitable. Observe all safety precautions when handling combustible or flammable solvents. **Mix thoroughly to a uniform color (no streaks).**

Safety First!

The Material Safety Data Sheet (MSDS) for this or any Smooth-On product should be read prior to use and is available upon request from Smooth-On. All Smooth-On products are safe to use if directions are read and followed carefully.

Keep Out of Reach of Children

BE CAREFUL - Avoid contact with eyes. Silicone polymers are generally non-irritating to the eyes however a slight transient irritation is possible. Flush eyes with water for 15 minutes and seek medical attention. Remove from skin with waterless hand cleaner followed by soap and water. Children should not use this product without adult supervision.

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.

APPLYING, CURING & PERFORMANCE...

Applying Psycho Paint® Using An Air Brush - Dispense mixture into air brush siphon cup / gravity cup. Apply thin layers of paint to the model's surface until the desired color effect is attained.

Brushing Onto A Platinum Silicone Appliance Or Model - Make sure all surfaces are clean. Add the desired amount of Silc Pig® pigment to Psycho Paint® Part B and mix thoroughly. Add an equal amount of Psycho Paint® part A and mix thoroughly. You can then apply with a brush. A common application technique is to use a "stippling" effect.

Important Pot life of undiluted Psycho Paint® (without solvent) is 20 minutes at room temperature.

Curing - Psycho Paint® will cure at room temperature in 2 hours. Cure time can be reduced with heat (oven or heat gun). Do not expose to over 212°F/100°C. If heat curing, make sure that all solvents have evaporated from model's surface, before applying heat.



Call Us Anytime With Questions About Your Application.

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The new www.smooth-on.com is loaded with information about mold making, casting and more.