

Notes on Rhodorsil Mold making Silicone

For Industrial or Professional Use only. Don't use on human skin.

This kit contains:

454 grams 585 Base, The thick opaque stuff
46 grams Catalyst 22003, the thin watery stuff, glass bottle
(all a weighed to exact amounts by weight, not by volume)

Purchased separately:

20 grams Thixotropic: Heavy clear stuff

You Will Need:

Base Material
Catalyst
Thixotropic
Mixing Cups
Stirring Sticks
Gram Scale that measures in 1 gram increments or better.
Vacuum Jar (optional) to de-gas mixed silicone

Mix the catalyst and base at a ratio of 10:1 by weight or 1 gram of catalyst for every 10 grams of base. A good batch is:

100 grams Base
10 grams Catalyst
110 grams TOTAL

This batch will be thin and easy to work into detail areas. After this, mix batches with increasing amounts of Thixotropic such as:

100 grams Base	100 grams Base
10 grams Catalyst	10 grams Catalyst
1 grams Thixotropic	2 grams Thixotropic

Notes:

Catalyst can't be stored in plastic bottles. It turns blue when it dries out. Cured rubber won't stick to your finger when pressed. Despite manufacturer's instructions Rhodorsil 585 won't be cured until the next day. You have up to 72 hours to add new coats, but I usually wait only an hour or so between coatings. A release agent helps, but very few things stick to silicone. Fill cavities with clay as silicone has the tendency to migrate through the smallest of cracks and openings. Plaster bandages can be used as a mother mold on smaller items. Do not mix in waxed cups. Do not use on anything that contains sulfur such as Roma Plastina Clays.

Recommend Resource Information:

Silicone Mold Making video with Steve Biggs. Available through Special Effect Supply Co., Cat. No.: VIDEO32

Special Effect Supply Corp.

www.fxsupply.com