



One Part Mould Making using RTV Silicone Putty

OVERVIEW – The use of RTV Silicone Putty to create a quick & simple one part mould

REQUIREMENTS:

- # RTV Silicone Putty – we have used Silpression
- # Master Model
- # Work surface protection

BEFORE YOU START –

Your work surface should be level and flat.
 Endeavour to have the room temp at recommended working level of resin.
 Have all product and tools close at hand.

SAFETY FIRST -

Most materials used in today's hobby moulding and casting are safe if used properly and as directed.
READ ALL TECHNICAL AND SAFETY INFORMATION FOR EACH PRODUCT PRIOR TO USE.

- Keep products out of reach of young children.
- **THE WEARING OF RUBBER GLOVES AND PROTECTIVE CLOTHING IS RECOMMENDED**
- Always follow manufactures instructions when using product.



PREPARE YOUR MASTER MODEL –
 Ensure your Master Model is clean and free of dust & grit. Seal your Master if required.



MEASURE the RTV Silicone Putty –
 Take a quantity of Part A and roll into a ball. Take the same quantity of Part B and roll into a ball. If preferred, you can weigh the RTV Silicone for accuracy.



MIX the RTV Silicone – Combine the two parts of silicone putty by kneading thoroughly until an even colour is achieved. ie no streaking. Work quickly, keep in mind your worktime.



PRESS RTV Silicone – over your Master. Work the putty into all crevices pushing as you go to remove any trapped air. The putty should be approx 5mm -10mm thick.



OR - IMPRESS the Master – Roll or press out the RTV Silicone Putty to approx 5mm – 10mm thick. Gently press your Master into the putty. Ensure you allow enough thickness under the master for mould support

CURE RTV Silicone – Allow the RTV Silicone putty to cure. Generally this is only a short amount of time (15min – 20min)



De-MOULD - Check that your silicone has cured by doing the "cake test" - push the silicone gently with your finger. If the rubber is solid and bounces back the mould is ready for de-moulding.

The mould rubber should flex easily and your Master should "pop out" of the cured mould.

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www.armsmodelit.com.au
 Ph: (07) 3284 1111 Fax: (07) 3284 9976

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