



## SQUASH (Plug) MOULD with RTV Silicone

**OVERVIEW** –A two part mould where one part fits inside the other, producing a hollow cast with internal and external detail

**BEFORE YOU START** – Although this technique is not difficult, it is advanced. Reading/practicing of basic mould making techniques is recommended before attempting this mould making technique

**REQUIREMENTS:**

- # RTV Silicone (we used PinkySil)
- # Klean Klay
- #Silicone Release (A324 or Petroleum Jelly)

**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.



Add exit sprues to your Model (Master).



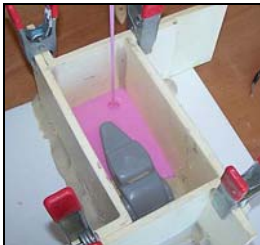
Fill the inside of the Model with Klean Klay, ensuring all openings are covered.



On outside, clean and smooth edges of all openings.



Embed the Model in clay on mould box base. Add holes for registration keys.



Build mould box. Measure, mix and pour silicone. Allow silicone to cure.



Turn the silicone block over and carefully remove clay. DO NOT remove the model from the mould



Rebuild mould box. Apply release agent.



Measure, mix and pour second half of silicone. Allow to cure



Find the join line and carefully separate the mould



Gently "pull" the inner mould, removing it from the outer mould. Your mould is complete.

For casting see our tech sheet "Casting in a plug mould"

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