

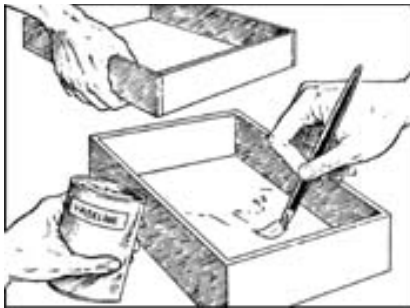
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Instructions for using RTV Silicone page 1

No. 179-050

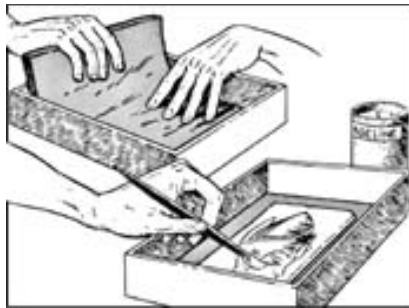


Making a Single Part Mold



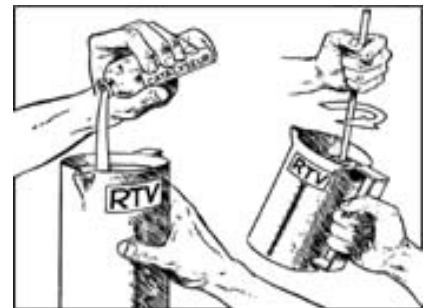
1. Prepare a box or simple frame

Make a box or frame or use a container made from metal or a strong cardboard. Apply a thin coat of vaseline to the interior surfaces.



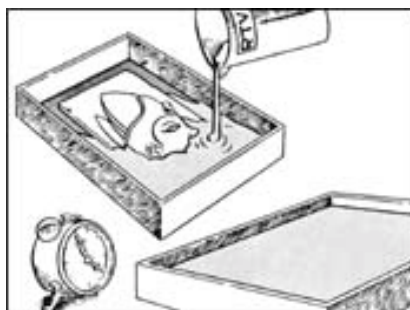
2. Prepare the object

Make sure the object is clean. Seal the frame to the base with a thin layer of plastilene. Place the object in the frame sealing the edge to the base with plastilene. Apply a thin coat of vaseline to the model.



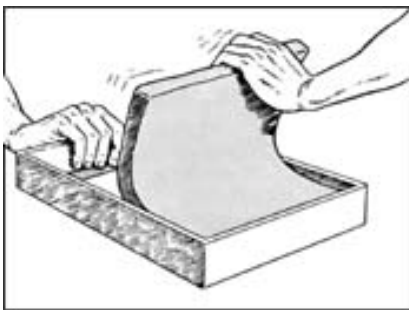
3. Prepare the RTV

The catalyst must be carefully mixed into the RTV. This will make the RTV cure to rubber. Pour the catalyst into the RTV. Mix slowly and carefully.



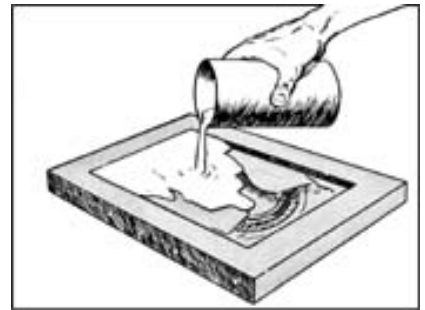
4. Pour the RTV

Slowly pour the RTV on the model, starting at the lowest point. After pouring, set on a level surface and leave for up to 24 hours.



5. Separate the mold

After curing, separate the RTV from the model. You will have a tough, flexible mold, ready for reproduction.



6. To Reproduce

Any of the following can be poured into the RTV mold: plaster, wax, polyester, epoxy resins, PU resins, wood pulp, reconstituted stone, some low-melt tin alloys.

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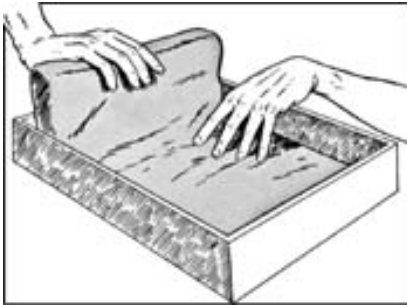
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Instructions for using RTV Silicone page 2

No. 179-050

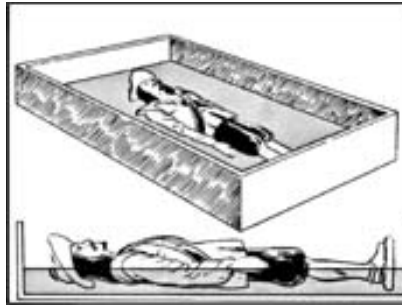


Making a Two Part Mold



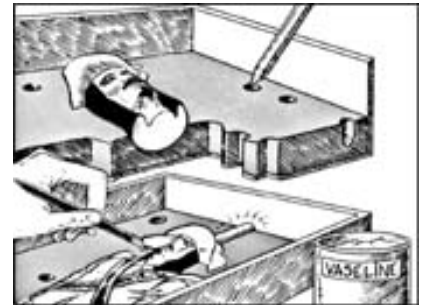
1. Prepare a box or simple frame

To mold an entire object you must make a mold in two halves. Put a layer of plastiline in the base of the box.



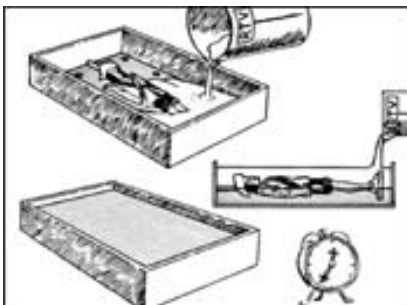
2. Bedding In

Trace a half-way line around the object. Place the object in the plastiline up to the half-way line. If the object is intricate or fragile, melt the plastiline in a container and pour it into the box.



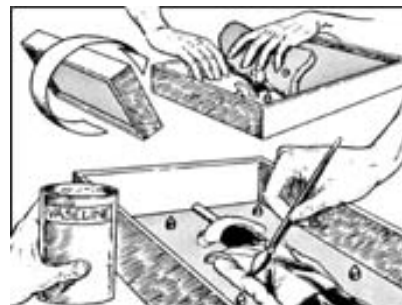
3. Positioning

Make a few holes 3 or 4 mm in the plastiline to key together the two halves of the mold. Put in a small tube for the feeder channel. Coat with a thin layer of vaseline.



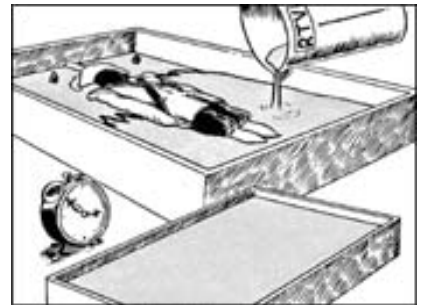
4. Pour the first half of the mold

Catalyse the RTV and pour into the mold, beginning at the lowest point. After pouring, set on a level surface and leave for up to 24 hours.



5. Turn over

After curing, invert the mold. Completely remove the plastiline. Put a thin layer of vaseline on the model and first half of the mold.



6. Pour the second half

Pour the second half of the mold. Set on a level surface and leave for up to 24 hours.

continues...

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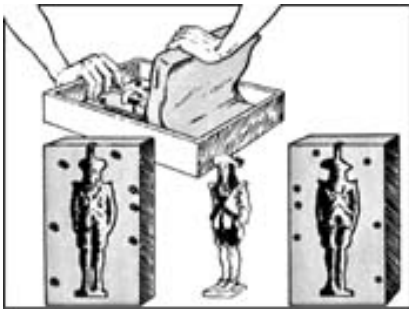
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Instructions for using RTV Silicone page 3

No. 179-050

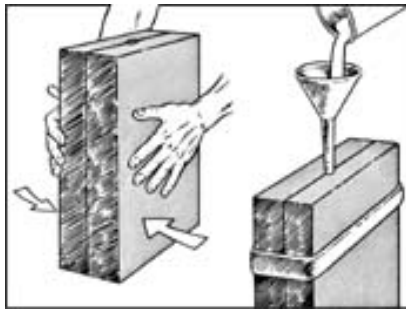


Making a Two Part Mold (cont.)



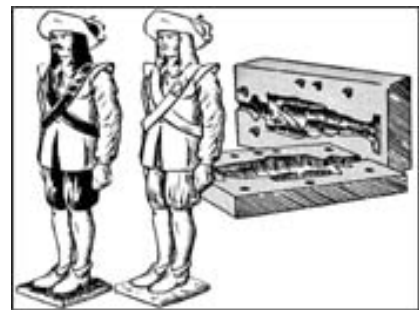
7. Separate the mold halves

Separate the two halves of the mold. Lift out the model. Remove the tube used to form the feeder channel.



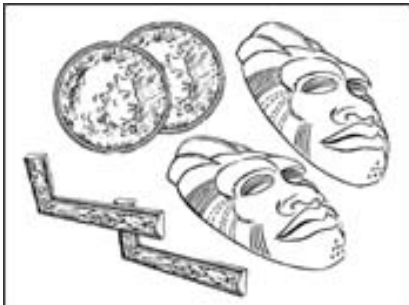
8. To reproduce

Carefully position the two halves of the mold together. Pour the casting medium into the mold through the feeder channel. (see pg. 1, step 6 for suggested media)



9. Remove the molding

After the casting medium has set, open the mold and remove the molding. You now have a faithful reproduction of your original model. The mold can be re-used to make more reproductions.



10. Use over and over

Many identical reproductions can be made from the same mold. The RTV mold remains durable but flexible.

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