COMPOSIMOLD IS a reusable mold making material that works by melting and pouring. There is no mixing or weighing involved! When you've finished making your castings the ComposiMold mold can be re-melted and re-used to make up to 35 different molds. The more you use it the more you save.

ComposiMold is Versatile and Easy to Use.
Use techniques such as one part, two part, pourable, and paint-on molds. It is great for learning to mold, making many unique molds, and as a cost effective mold backing material too!

ComposiMold is Natural and Biodegradable.
All ingredients used in ComposiMold are organic materials that will biodegrade in an aqueous environment.

ComposiMold is Reusable!
You never have to worry about wasting the product or your money. If you want a different mold, just re-melt the mold to re-use the material up to 35 times!

Warnings:
- ComposiMold is hot when melted. Use gloves for protection.
- The ComposiMold container WILL melt if overheated. Do not heat the container when it is empty.
- ComposiMold will break down in water over time. Do not leave in contact with water.
- Keep ComposiMold covered when not in use.
- ComposiMold conforms to ASTM D-4236 for safe art supplies.
- Do not use ComposiMold for food contact after it has been used with non-food casting materials.

Limitations:
Although the thermoplastic nature of ComposiMold allows it to be reusable and easily moldable, heat is a limitation. In larger thermoset reactions the heat of your casting material can exceed the melting point of ComposiMold, 130°F. Be sure to cool your mold prior to using higher temperature casting materials.
BASIC INSTRUCTIONS

MELTING ComposiMold:
To melt, heat the ComposiMold to 130°F. (Do not exceed 200°F). This can be done in a double boiler or a microwave. When heating in the microwave follow these steps:
1. Remove the cover from the ComposiMold container.
2. Heat the product. Estimated heating times are listed in the table below:

<table>
<thead>
<tr>
<th>Size</th>
<th>Microwave Times (estimated)</th>
</tr>
</thead>
<tbody>
<tr>
<td>10 oz.</td>
<td>1 to 2 minutes, stir every minute</td>
</tr>
<tr>
<td>20 oz.</td>
<td>3 to 5 minutes, stir every minute</td>
</tr>
<tr>
<td>40 oz.</td>
<td>7 to 10 minutes, stir every minute</td>
</tr>
</tbody>
</table>

TIP: Keep in mind that microwave times will vary. Start with short intervals until you feel comfortable with your microwave.
3. After microwaving, stir the ComposiMold to let the temperature equilibrate before pouring.

CREATING Your Cast:
Many different casting materials can be used in the ComposiMold Mold.

Examples of casting materials include:
Polyurethane, Epoxy, Polyester Resins
Wax, Soap (cool ComposiMold first)
Various types of Plasters and Clays
Cement/Concrete
Silicone

✓ TIP: Cool your mold prior to pouring higher temperature casting materials (before each pour) to maintain the integrity of your mold.

1. Follow individual product instructions for the casting material you have chosen.
2. Apply a mold release to your mold prior to pouring the casting material.
3. Pour or press your casting material into your mold and let solidify per product instructions.
4. Once solidified, remove your cast from your ComposiMold mold.

Creating Your Mold:
1. Anchor the master to the bottom of your mold box with clay or hot glue.
2. Spray a mold release on the original object being molded (the master) and in the heat safe container you’ll be pouring your melted ComposiMold into (mold box).
4. Pour melted ComposiMold into the lowest area of your mold box so it will rise up and over your master part.

SOLIDIFYING Your Mold:
1. Simply let your mold cool. ComposiMold solidifies when it cools back to a flexible, rubbery, polymer.
(To speed up to the process, you can put your mold in the refrigerator or use ice packs against it.)
2. De-mold your master by pulling it out or make a cut down the side of the mold and open it like a book. Tape it closed before you make your cast.

FILTERING the ComposiMold:
Simply re-melt your dirty ComposiMold and filter it through cheesecloth into a heat safe container and re-use!

CLEANING the ComposiMold:
Use a cold, damp cloth to wipe away any casting material. Be sure your mold is dry before making more casts.