

# COMPOSIMOLD

Heat and Pour Molding Material

## ComposiMold-LT

### Experiment!

[www.ComposiMold.com](http://www.ComposiMold.com)

Flexible, rubbery, molding material that can be melted poured and reused.

Many different casting materials can be used in the ComposiMold Mold.

Examples include:

- Epoxy
- Polyurethane
- Plaster
- Cement/Concrete
- Silicone



You can use many different molding techniques. The advantage of ComposiMold is that you can reuse it simply by reheating and re-melting. So play and experiment.

Be sure to use a heat appropriate sample container that can handle the hot ComposiMold without deforming. Also make sure it is placed in a container that will hold the mold as it cools.

Use a mold release. Most mold releases will work fine.

### MELTING ComposiMold

To melt, heat ComposiMold above 130 F. Do not exceed 200 F with the ComposiMold. Melting can be done using a double boiler or microwave.

| Container Size | Microwave times (estimated)         |
|----------------|-------------------------------------|
| 6 oz           | 30-60 seconds                       |
| 16 oz          | 3 to 5 minutes, stir every 1 minute |
| 32 oz          | 7 to 10 minutes, stir every minute  |



After being in the microwave, stir and let the temperatures equilibrate throughout the molding compound.

**Warning:** The ComposiMold container WILL melt if overheated. Do not heat the container without the ComposiMold in it.

## Solidifying CompositMold

CompositMold solidifies when it cools to a flexible, rubbery, polymer. So to solidify, just let the part cool. To speed up to process, you can put your part in the refrigerator or use ice packs against your part. Do not submerge the CompositMold in water to cool.

## Filtering the CompositMold

CompositMold can be filtered when it becomes dirty from the casting materials.

To filter:

- Place a filter into the funnel.
- Hold the funnel above a container that can withstand the hot CompositMold.
- Melt the CompositMold as previously discussed.
- Pour the CompositMold through the filter and into a second container.



## Limitations:

Although the thermoplastic nature of CompositMold allows it to be reusable and easily moldable, heat is also the major limitation. In larger thermoset reaction the heat can exceed the melting point of CompositMold. Do not exceed 200 F.

**WARNING:** Material can be hot and can burn. Use good judgment.

CompositMold-LT will break down in water over time. Do not leave in contact with water.

CompositMold-LT conforms to ASTM D-4236 for safe art supplies

Keep CompositMold covered if it is not to be used for long periods of time



**Experiment.**

**For more information visit:**

[www.CompositMold.com](http://www.CompositMold.com)

