



"YOU SUPPLY THE TALENT... WE'LL SUPPLY THE REST!"
THE COMPLEAT SCULPTOR

Elastack Instructions (Easy & Tough Pour)

Read Carefully before use

Caution: his product requires heating for use. The following safety precautions must be followed to avoid serious injury.

1. Not for use by minors under 16 years of age without close adult supervision.
2. Do not heat beyond 350°F/175°C during use.
3. Do not allow direct contact with heating element.
4. Use in well-ventilated area.
5. If material produces significant smoke or displays color change, reduce heat immediately.
6. Always wear safety glasses with side shields when heating or handling this material.
7. Pour carefully and use protective clothing (gloves, etc.) as appropriate. Molten material can stick to skin and cause severe burns.
8. Never bring water, liquids, or water/liquid containing materials into contact with molten compound. Rapid boiling and splattering may result.
9. Prepare mold before heating material. Rehearse pouring procedure. Make sure mold is clean and free of liquids and that mold material does not contain liquid.
10. Although the compound is engineered to sustain flames in isolation, it should be assumed to be flammable. Never bring into contact with an ignition source such as open flame, hot burners, halogen lights, etc.
11. Never heat material in the presence of porous materials (such as fabric) which can wick molten compound. Material will sustain and feed flame when wicked into most porous substances.
12. In the event of fire involving the material, use of water can cause spreading and splattering. Use baking soda, a class B fire extinguisher, or snuff flame with a lid.
13. Material is non-toxic but is not intended for human consumption or medical applications.
14. Never allow unsupervised handling of the material buy small children. The rubbery softness makes the material a potential choking hazard.

Procedure:

Stove/Hotplate:

1. Place desired quantity of material into metal saucepan. Color can be added later See "coloring" below.
2. Place saucepan on heating element, then set element to low-medium level.
3. Watch carefully for melting where material touches pan.
4. Adjust heat to only allow slow melting to prevent "scorching" of material.
5. Allow material to completely melt to cooking oil viscosity. Stir to produce uniform melt. During this process you can remove bubbles by "dotting" them gently while stirring.
6. Slowly and carefully pour into mold.
7. Patience is required for cooling. Allow complete cooling at room temperature.
8. Starting at an edge, pull material slowly out of mold. With practice, material can be used in hundred's of applications ranging from molding shapes to dip coating metal parts to form a protective layer.

Oven:

1. Preheat oven to 350°F/175°C.
2. Place material in metal pan and place in oven
3. Allow about 30 minutes for material to melt. Watch carefully for smoke or overheating.
4. Remove container of melted material and gently stir to produce good mixing. “Dot” out bubbles.
5. Return to oven for 5-10 minutes. Remove and pour.

Coloring: (use non-toxic wax based crayons, i.e. Crayola Crayons, Binney & Smith, a Halmark Company)

1. Prepare molding compound on hotplate or oven ready to pour as described above.
2. Choose crayon color desired.
3. Remove crayon wrapper to bare wax.
4. Stir in crayon by dipping crayon into material. Crayon can also be added in chips. Mix until desired color level is achieved before pouring.

Useful Tips:

Surface – Paraffin wax can be added to melt to reduce “tacky” feel of surface.

Shrinkage – Material exhibits minimal shrinkage (approx. 7%). To correct for unwanted shrinkage, refill mold to desired level (Add more material).

Mold Construction Material – Molds must withstand temperatures of 350°F/175°C. It is important that mold material not contain moisture. Plaster of Paris, modeling clay, even materials like Playdoh can sometimes be useful for mold construction. We recommend test pour into any mold to make sure mold is compatible.

Hand Modeling – Material is moldable if heated into boiling water. Drop material directly into water and allow to heat. Remove carefully. It is important to then remove water to enable material to be molded by hand.

Material will feel hot but can usually be touched without burning or discomfort. Be careful. This takes practice.

Note: All ingredients of Elastack molding compound are approved for food contact.

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