



Our Sheet Plastics

These products can be shaped, sculpted, molded and formed by hand safely, are self adhesive, can be endlessly reheated, and scraps can be reblended and reused for zero waste and easy repair of mistakes.

These products activate at 90°C (194°F); working times vary due to ambient temperature.

Worbla's Finest Art

- Brown sheet with orange peel texture
- The original and most used of our products
- Baseline of all other comparisons
- Longest working time
- Takes complex curves well
- Great adhesion and works well with all other products

Worbla's Pearly Art

- White sheet with the smoothest finish
- Shortest working time before reheating
- Great for small detail work
- Great for times a light colored base is needed
- Minimizes time spent priming before painting
- Handles complex curves similar to Black Art but can tear if stretched too far
- Less adhesive than Black or Finest which allows for repositioning of pieces before a design is finalized

Worbla's Black Art

- Black sheet with smoother finish
- Longer shaping working time
- Smoother surface allows for easier priming
- Can create incredibly small and fine detail (1mm)
- Very durable pieces can flex without tearing
- High adhesion properties

Worbla's Mesh Art

- Light brown in color with the mesh visible on one side and a smooth, leather-like finish on the other
- Fantastic strength, excellent for freestanding projects or things that see a lot of handling or tension
- Often used for reinforcing seams and attachments
- Stretches only on the bias
- Can take complex curves but requires more work and some subtractive editing
- The most adhesive of our products
- Scraps are better blended into new sheets than used for sculpting, due to the mesh inside

Unique Sheet Plastics

These products are just different enough from our main line to have their own section. They can still be molded and shaped and are non-toxic, but they don't handle in the same way as Worbla's Finest Art and our other sheets.

Worbla's TranspaArt (Transpa Art)

- Semi-transparent (injection lines can be seen on unworked sheets)
- Amazing flexibility and resilience, durable
- Solvent-stable
- Can be tinted and dyed with polyester dyes
- Activates at 120°C (248°F), heat resistant gloves strongly recommended.
- Self adhesive with care, though glue may be used
- Scraps can be blended to create 'milky' stones

Worbla's Kobracast Art

- White sheet that is paper smooth, with bandage texture when stretched
- Incredibly lightweight, 1/3 the weight of Finest Art
- Can be sewn through
- The most flexible of our products, easily removed from complex molds
- Fantastic for lightweight, flexible applications
- Often used to manipulate fabric and can be machine washed cold
- Very adhesive, work with water to prevent sticking to tools and hands



Our Pellet Products

These products are pellets that come in 4.4oz or 14oz pouches and 282oz buckets. They can be heated with hot water or a heat gun in a heat safe container (we suggest silicone cooking cups).

These pellets can be shaped by hand or pressed into molds, can be reheated endlessly to recycle material or fix mistakes, and can be tinted or dyed with polyester dyes.

Worbla's Crystal Art

- Translucent pellets that when heated can be blended into a modelling material
- Activates at 120°C (248°F) and is very adhesive: heat resistant gloves, with nitrile gloves overtop, strongly recommended
- Lightweight
- Incredibly flexible and durable.
- An alternative to resin casting for fast and easy gems and crystal shapes
- Use water to prevent sticking to tools or work surface

Worbla's Deco Art

- White pellets that turn clear when activated but cool back to opaque white
- Activates at 90°C (140.0 °F)
- Low thermal conductivity, allowing easy shaping by hand, easy for younger children or heat sensitive people to use
- Very adhesive, use water to prevent sticking to tools or work surface
- Often used for creating quick copies of simple shapes
- Stays 'fluid' until cool. Place in cold water or leave in mold until fully cool, or shape may 'flow' with gravity

Heating:

Heating can be done with a heat gun or oven. Water is also possible but can be more difficult to control: we suggest it only for pellet products. Once heated, our materials will become flexible, malleable, stretchy* and adhesive*.

When cool, they will return to a hard plastic in the shape they have been formed in.

**depending on product type*

Shelf Life and storage:

There is no shelf life for Worbla: a project can be worked on endlessly, but Worbla products should be stored in a dry environment away from extreme heat.

Non-Toxic and Skin-Safe:

Worbla products confirm to ASTM D-4236. Worbla Products can be used in classrooms, apartments, workshops and beyond without needing uncomfortable safety gear or complicated venting systems.

KobracastArt has not been tested for ASTM at time of this writing, but meets DIN standards for contaminant free status. MSDS sheets are available upon request. Worbla is safe to lasercut with proper venting. Worbla products do not contain latex.

Further Reading:

We have 200+ written and video tutorials and thousands of images to teach and inspire on Worbla.com.

**Find examples and further information at
Worbla.com**