

# EnviroTex Jewelry Clay®

**Professional results are easy to achieve with EnviroTex Jewelry Clay®!** EnviroTex Jewelry Clay® is a blend of premium epoxy and clay powders resulting in a smooth porcelain like surface that will not shrink when cured. This advanced formula is easy to mix, has a long working time and cures to a hard, durable and impact resistant product. EnviroTex Jewelry Clay® has excellent adhesive qualities and will bond to most surfaces including glass, metal, wood, etc. Once cured, EnviroTex Jewelry Clay® is waterproof, heat and chemical resistant. EnviroTex Jewelry Clay® can be colored while in its uncured form or painted when cured. EnviroTex Jewelry Clay® cures to a soft cure in 5 hours and full cure in approximately 24 hours depending on temperature.

## Preparing & Protecting Your Work Area

1. Work area should be dry and free of dirt or dust.
2. Room temperature should be between 70°F / 21°C and 80°F / 27°C.
3. Work surface should be protected with wax paper, plastic sheet.

## Tools (recommended)

1. Latex or vinyl gloves.
2. Toothpicks - to place and arrange objects.
3. Talc/baby powder, olive or vegetable oil - release agents for gloves, tools & molds.

## INSTRUCTIONS:

**IMPORTANT:** EnviroTex Jewelry Clay® performs best at temperatures between 70°F / 21°C and 80°F / 27°C. Both "A" and "B" components should feel slightly warm to the touch, if cool, stiff or hard, the clay can be warmed and softened by placing it in a sealed plastic bag, then set the bag into warm tap water for 5 to 10 minutes.

1. Wear vinyl or latex gloves to protect your hands. Tip: apply a very light coat of talc/baby powder, olive or vegetable oil to gloves after you have them on. This will prevent the clay from sticking to them, repeat as required.
2. Measure equal amounts of both "A" and "B" components. Form this material into balls equal in size.
3. Blend the two balls in your hands until there is a uniform color with no ribbons or marbling.
4. Working time, you have up to 2 hours working time. However, the longer you work with the clay, the more it will begin to set and harden.
5. Form and shape the clay as desired or place the clay into your bezel, then press and work it into all areas as needed. If free forming shapes, let the mixed clay set for 15 minutes before forming. This induction time helps the clay react within and hold its shape. You can also add talc or baby powder to the clay to help "stiffen" if necessary. Simply dust the clay with talc and work it in. Repeat this process until the clay reaches the consistency you require.
6. Within 5 hours of mixing, the clay will reach a soft cure and trim easily. After 24 hours you may need to use fine sandpaper to remove excess material.
7. Use warm water and liquid soap to remove from skin. NEVER USE SOLVENTS. Tools: While liquid, the material can be cleaned from tools with paper towels moistened with olive or vegetable oil. Rubbing alcohol can also be used. Once cured, sand or scrape material from tools.



## PROFESSIONAL TIPS & IDEAS:

### Embedding Crystals, Stones, Glass Chips, Shells, etc.

There are any number of objects that can be added to the clay to create an endless array of patterns and textures. One of the best ways to add these items is to form a small amount of EnviroTex Jewelry Clay® "A" or "B" component onto a toothpick at one end (*cut or break pointed end of toothpick off first*). Use this clay end to pickup crystals, stones, etc., and then place them on your jewelry piece. With your finger tip, slightly press the crystals, stones, etc., into the clay. *Be careful not to press the crystals, stones, etc., in too deep.*

### Adding Paints, Dyes and Powders

At times you may want to add color to your jewelry clay. You can do this by simply adding acrylic or oil based artist paints, liquid pigments, pigment powders, metallic powders, etc. Measure and mix your clay as required for the project, then add the desired pigment, paint, powder, etc. Add the paint or pigment sparingly until you've achieved the desired color and intensity. Be careful, adding too much can affect the final hardness of the clay,

resulting in a softer cure. Note: Always test for compatibility before using on your final project. **Castin'Craft® Opaque pigments and Transparent Dyes** can be added to EnviroTex Jewelry Clay®. **Important: Always mix "A" & "B" components together thoroughly before adding colors.** This is necessary to ensure a proper chemical reaction between "A" and "B" components.

### Pigment Powders - Dry application

At times you may want to apply dry pigment powders to EnviroTex Jewelry Clay®. These powders can be applied with a soft bristle brush and will adhere nicely to a slightly sticky uncured clay surface. Once the clay has cured, wipe or rub surface with a soft cloth to remove any excess material if required. A little experimenting with applying powders at different levels of cure will help you achieve a variety of effects.

### Designs with Rubber Stamps

Jewelry clay can be imprinted with designs from rubber stamps the same as polymer clays. To keep your rubber stamp from sticking to the clay, apply a light dusting of talc/baby powder to the clay prior to rubber stamping or a thin coat of olive or vegetable oil applied to the rubber stamp with a cotton swab. Excess baby powder or oil can be removed from the clay with a damp cloth. Once finished creating designs, remove any residue from the stamp with warm soapy water, then dry.

### Sculpting or Shaping Jewelry Clay

When sculpting or working the clay, the surface may become slightly sticky, this is normal. A light dusting of talc powder folded and worked into the clay will help eliminate this issue. You can repeat this process if needed to create a "stiffer" clay. Pieces once cured can be filed, sanded and drilled.

### Image Transfer - Ink Jet Printer

To transfer images printed on an ink-jet printer use T-shirt Transfer Paper from your local office supply store. Using your photo or graphics computer program, adjust the size of the image to fit the area required for your project. Next, flip the image horizontally (some printers allow you to do this in their print settings). This will reverse the picture when printed, but will appear correct when transferred. Set your printer settings to its best settings and paper to photo, specialty or transfer paper. Then, prepare the clay by blending equal amounts of both components. **Do not use talc/baby powder or oil as a release agent on your gloves or clay during this process.** With gloves on, work the clay until it becomes very sticky. For this process to work correctly, it is important for the clay to be warm and sticky so that it adheres to your printed image. Form the clay into desired jewelry shapes (you may need to change your gloves at this point). Keep the thickness to roughly 1/8", some larger projects may require thicker pieces. Lay the print face side up on a hard flat surface, then press the clay pieces onto your print evenly. Leave the clay/print undisturbed for 8 to 12 hours. Peel the transfer paper backing from the clay to reveal your transferred image and coat with EnviroTex Jewelry Resin® for a deep glass like protective finish. *Note, we highly recommend a couple of practice pieces to perfect this technique.*

### Image Transfer - Laser Jet

Using your photo or graphics computer program, adjust the size of the image to fit the area required for your project. Next, flip the image horizontally (*some printers allow you to do this in their print settings*). This will reverse the picture when printed, but will appear correct when transferred. Set your printer settings to its best black & white or color settings and use a good quality paper. Once printed, cut the image from the paper trimming off all excess paper. Prepare the clay by blending equal amounts of both components and forming into a desired shape. **Do not use talc/baby powder or oil as a release agent on your gloves or clay during this process.** With gloves on, work the clay until it becomes very sticky. For this process to work correctly, it is important for the clay to be warm and sticky so that it adheres to your printed image. Form the clay into desired jewelry shapes (you may need to change your gloves at this point). Keep the thickness to roughly 1/8", some larger projects may require thicker pieces. Lay the print face side up on a hard flat surface, then press the clay pieces onto your print evenly. Leave the clay/print undisturbed for 8 to 12 hours. Then soak the clay/paper pieces in warm water for 10 to 15 minutes to saturate the paper. When the paper becomes transparent, carefully rub the paper away from the surface with your fingers leaving only the image. Dry the pieces, and apply a coating of EnviroTex Jewelry Resin® for a deep glass like protective finish. *Note, we highly recommend a couple of practice pieces to perfect this technique.*

### Surface Textures

The fine porcelain like texture of the clay allows you to create highly detailed surface textures. You can texture the clay with any number of

**From the makers of EnviroTex®, the original high gloss polymer coating!**

found objects such as leaves, straw, bark, stone, weathered wood, sea shells, etc. In addition, you can use fabric such as lace, textured plates, textured papers, wire or plastic screen, press molds, rubber stamps and more. Most of these items can be purchased at your local craft store. Prior to applying texture, form or shape the clay as required, then apply a very thin coat of talc/baby powder or olive/vegetable oil to the textured surface. The talc/baby powder or oil will act as a release agent. Experimenting with this texture process will help you achieve your desired results.

### Create Beads, Buttons and Embellishments

Beads and buttons are easy and fun to make, simply mix the clay as required, then roll in your hands and form. Flatten, shape or mold pieces as required on a hard flat surface. Use a round tooth pick, wire or skewer pushed through the uncured clay to create holes.

### Forming Jewelry Clay in Molds

EnviroTex Jewelry Clay® can be pressed into any number of push type molds, which can be found at your local craft store, polymer clay section. You can also create your own molds with **EasyMold® Silicone Putty** also available at your local craft store.

### Using EnviroTex Jewelry Clay® as an adhesive

EnviroTex Jewelry Clay® works great as an adhesive and will bond most surfaces together, such as glass, metal, ceramic, painted surfaces, stone and wood. It can also be used as a permanent wood or metal filler. Do not use release agents on your gloves, tools or clay during this process. Ideally, you want the clay to be tacky for good adhesion. Blend clay together as you would normally and apply as required. Due to the 2 hour working time of this product, you may need to tape or secure the pieces together while the clay cures.

### EnviroTex Jewelry Resin®

Is the ideal pour-on epoxy resin for coating jewelry pieces. Used by professional jewelers, *one coat equals up to 50 coats of varnish!* EnviroTex Jewelry Resin® is solvent free and has a pleasant citrus scent.

### Release Agent - Gloves, Tools and Molds

EnviroTex Jewelry Clay® can be slightly sticky at times and stick to your gloves, tools, molds, etc. To eliminate this issue, dust your gloves, tools, etc., with talc/baby powder or apply a thin film of olive or vegetable oil. clay with talc and work it in.

## TROUBLE SHOOTING:

**Soft or Sticky cured clay:** Is a result of improper mixing or inaccurate measurements of "A" and "B" components. Soft or sticky material must be removed and the area re-filled with new clay or discarded. **Note:** *Inadequate measuring and mixing is the most common reason for imperfect results.*

**DANGER: CONTACT WITH HARDENER MAY CAUSE PERMANENT EYE DAMAGE. MAY BE HARMFUL BY SKIN CONTACT OR BREATHING VAPORS OR MISTS. CONTACT WITH RESIN MAY PRODUCE ALLERGIC REACTION BY INGESTION, INHALATION OR SKIN CONTACT. CONTACT MAY CAUSE EYE/SKIN IRRITATION. · PRECAUTIONS:** Avoid inhalation, ingestion, eye and skin contact. Wear protective gloves and goggles. Use window exhaust fan or other suitable equipment for a well-ventilated work area. Keep container tightly closed when not in use. **KEEP OUT OF THE REACH OF CHILDREN.** Hardener contains: Proprietary Mixed Amines.....See specific information on containers. Resin Component contains: Epoxy Resin. See specific information on containers. Contact a poison control center for more health information.

**FIRST AID: ORAL:** If resin is swallowed, Do Not induce vomiting. If hardener is swallowed, Do Not induce vomiting. **CALL PHYSICIAN IMMEDIATELY!** **EYES:** Severe irritant to eyes. In case of eye contact, flush thoroughly with water for 15 minutes and get prompt medical attention. **SKIN:** Wash immediately with soap and rinse thoroughly with water. Do not use solvents or alcohol to remove product from skin. **INHALATION:** Move to fresh air. If not breathing, administer CPR, if breathing is difficult, get medical attention.

### Health & Safety Information

All warnings conform to ASTM D-4236 and the Federal Hazardous Substances Act.

## OTHER ETI PRODUCTS TO LOOK FOR:

- EnviroTex Lite® pour-on HIGH GLOSS FINISH.
- EnviroTex Jewelry Resin®
- Ultra-Seal® Multipurpose Sealer Glue.

## CASIN' CRAFT® CASTING PRODUCTS:

- EasyCast® Clear Casting Epoxy.
- Opaque Pigments - Red, Yellow, Green, Blue, Brown, Black, White & Pearlescent.
- Transparent Dyes - Red, Yellow, Green, Blue & Amber.
- Mold Builder® latex rubber for making your own molds.
- Mixing Cup Set (includes 6 - 10 oz. plastic graduated measure mixing cups, 6 stir sticks and 3 craft brushes).
- Clear Polyester Casting Resin.
- Mold Release / Conditioner.
- EasyMold® Silicone Putty & Silicone Rubber.



**PROJECT IDEAS:** For the latest in project ideas and techniques, visit our blog site at <http://resincrafts.blogspot.com> and our web site at <https://eti-usa.com>



## WARRANTY:

The recommendations given here serve only as a guide. Because of variables of temperature, humidity, types of molds, colorants and embedments, we cannot guarantee results. Our liability is limited to the replacement price of the product.

Made in USA



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