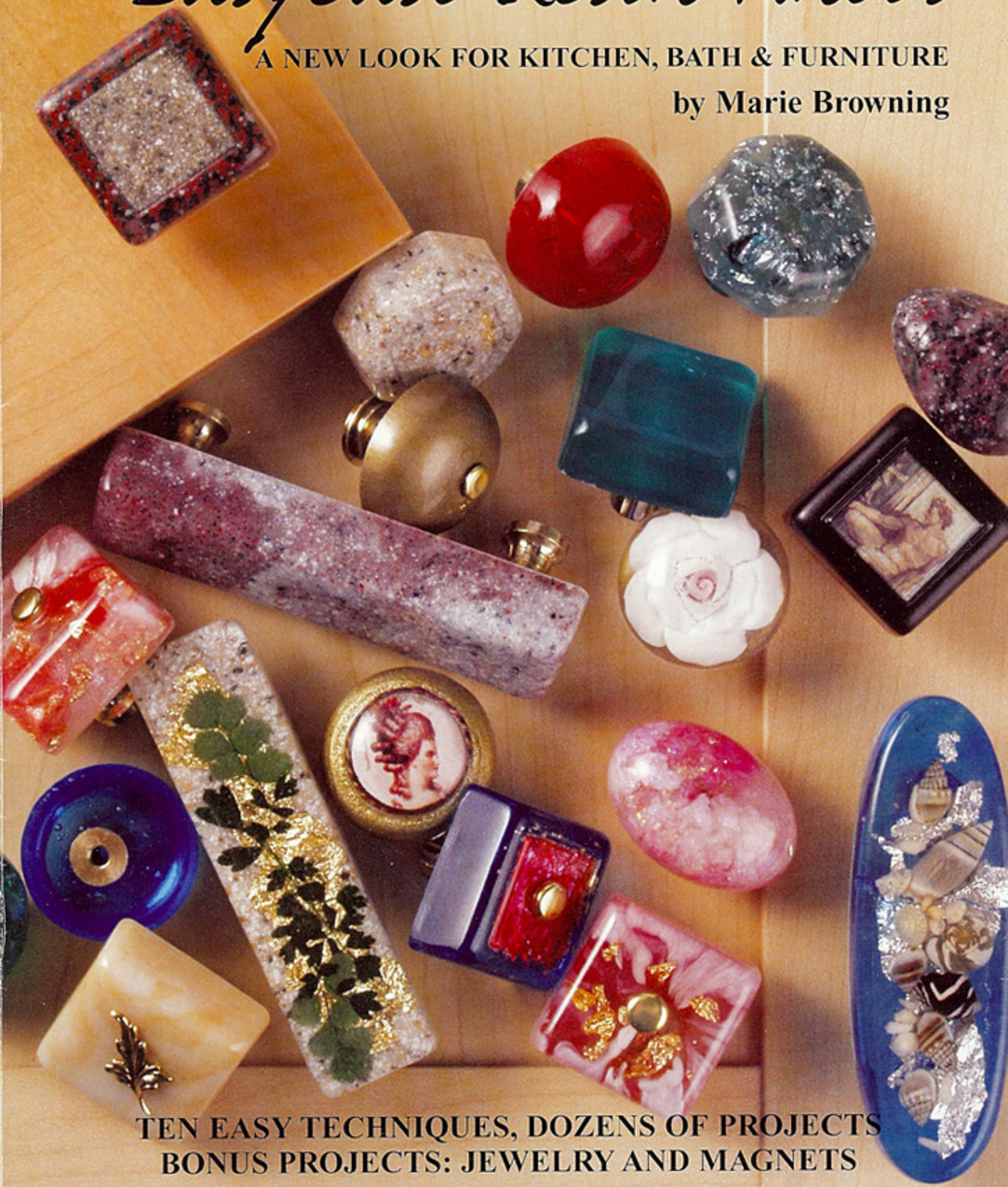


# EasyCast Resin Knobs

A NEW LOOK FOR KITCHEN, BATH & FURNITURE

by Marie Browning



TEN EASY TECHNIQUES, DOZENS OF PROJECTS  
BONUS PROJECTS: JEWELRY AND MAGNETS



## Shopping List

Castin'Craft items needed:

### EasyCast (casting epoxy)

- ☐ #33008 - 8 oz.
- ☐ #33016 - 16 oz.
- ☐ #33032 - 32 oz.
- ☐ #01013 - 6 Measure/Mixing cups, 6 stir sticks and 3 disposable brushes.

### Opaque Pigments

- ☐ #46345 - White
- ☐ #46299 - Black
- ☐ #46302 - Red
- ☐ #46280 - Blue
- ☐ #46329 - Green
- ☐ #46337 - Yellow
- ☐ #46353 - Brown
- ☐ #46440 - Pearl

### Transparent Dyes

- ☐ #46428 - Red
- ☐ #46430 - Blue
- ☐ #46432 - Green
- ☐ #46438 - Yellow
- ☐ #46436 - Amber

### Granite Powders

- ☐ #33400 - Sierra Grey
- ☐ #33410 - Mojave Sand
- ☐ #33420 - Adirondack Brown
- ☐ #33430 - Black Quartz
- ☐ #33440 - Desert Mauve
- ☐ #33450 - Dakota Red
- ☐ #33460 - Appalachian Green
- ☐ #33470 - Glacier Blue

### Re-useable Cabinet Knob Molds

- ☐ # 33601 - Flat Round Knob
- ☐ # 33602 - Round Knob
- ☐ # 33603 - Oval Knob
- ☐ # 33604 - Square Knob
- ☐ # 33605 - Octagon Knob
- ☐ # 33606 - Square Knob w/ Border
- ☐ # 33607 - Octagon Knob w/ Border
- ☐ # 33608 - Oval Pull
- ☐ # 33609 - Rectangle Pull

### Mold Release/Conditioner

- ☐ # 33900 - Mold Release/Conditioner 4 oz. spray pump.

### Knob Bases (hardware)

- ☐ # 33500 - 3 pk. Classical Brass
- ☐ # 33510 - 3 pk. Straight Brass
- ☐ # 33520 - 3 pk. Classical Chrome
- ☐ # 33530 - 3 pk. Straight Chrome

### Mold Builder (for making molds)

- ☐ # 00779 - 16oz / 473 ml Mold Builder

### Optional Materials

- ☐ Charms, buttons, pins, stickers.
- ☐ Dried flowers, beans, seeds, shells.
- ☐ Mosaic pieces, coins, novelty erasers.
- ☐ Metallic leaf, metallic powders, glitter.
- ☐ Mylar shreds, found objects.

# EastCast - clear Casting Epoxy

Another first from Environmental Technology Inc.!



EasyCast is a two-component, low odor, solvent free, clear casting epoxy. It's ideal for casting small decorative items such as kitchen and bathroom knobs.

Imagine being able to customize your kitchen and bathroom cabinets, furniture and crafts with knobs and pulls you designed and created!

Color EasyCast with Castin'Craft opaque pigments for solid colors, transparent dyes for

that colored glass look or granite powders for the look of stone. Cast EasyCast into any one of Castin'Craft knob and pull molds to create your own decorative knobs and pulls. You can make your own molds from found objects, shells and more using Castin'Craft Mold Builder. Finish your knobs and pulls with Castin'Craft quality brass and chrome plated knob bases (hardware). Whether you want to transform an entire kitchen or bedroom set, refresh a dresser or accent a decorative box, make a bottle topper or magnet, you'll find plenty of ideas and techniques in this book to get you started!

**Materials & Tools:** A shopping list to the left of this column has been created for your convenience. Simply copy, then check off items you need for your project. In addition, the following supplies are needed.

- Toothpicks • Wax paper (to cover work area). • Black marker or pen (mark cups).
- 150 grit sandpaper (for sanding backs of knobs). • Superfine (0000) steel wool (for removing glossy surface on satin knobs). • Furniture, floor or automotive polish (for satin knobs).

### Other Books By Marie Browning for Environmental Technology Inc. include:

- Handmade Designer Soaps (Fields Landing Soap Factory products)
- The Art of Fragrance Crafting (Fields Landing Soap Factory products)
- AromaGel: A Rainbow of Fragrances, beautiful gelled air fresheners for your home
- Patio & Home Décor with Envirotex Lite published by Design Originals



Marie Browning

For more information on Marie's work visit [www.mariebrowning.com](http://www.mariebrowning.com)

**Acknowledgments:** Many thanks to photographer John Yanyshyn of Visions West, Victoria, BC for his beautiful photography and to Harbour Kitchens of Victoria, BC for use of their showroom.

**Disclaimer:** All the techniques and designs have been created with ETI's Castin' Craft products. Results can not be guaranteed if other products are used. All of the information and techniques in this book are presented in good faith, but no warranty or results are guaranteed. Environmental Technology Inc., has no control over physical conditions in which their products are used or the application of information contained in this booklet and disclaims any liability for untoward results.

**Copyright:** All rights reserved. No part of this publication with the exception of this page may be reproduced without the prior written permission of the copyright holder. © 2003 Environmental Technology, Inc.

**Environmental Technology Inc.**

South Bay Depot Road, Fields Landing, California 95537

Web Site: <http://www.eti-usa.com> Email: [mail@eti-usa.com](mailto:mail@eti-usa.com)



# Castin' Craft Supplies



## *EasyCast*

Is a clear, two-component, low odor epoxy for casting small home decor items such as decorator cabinet knobs, statues, jewelry pieces, etc. Color with transparent dyes or solid color opaque pigments. Add granite powders for the look of granite or metallic powders for the look of cast bronze. Available in 8 oz, 16 oz, 32 oz and 1 gallon sizes.

## *Mixing Cup Set*

8 oz plastic measuring cups, stir sticks and disposable brushes for accurate measuring and mixing.

## *Knob and Pull Molds*

Seven designer knob molds as well as two designer pull molds are available in basic and accented shapes. The molds are made of durable, smooth polypropylene. This enables the cast pieces to release easily with no polishing required.

Knob shapes include Flat Round, Round, Oval, Square, Octagon, Square with border and Octagon with border (each mold tray makes six knobs). Pull shapes include Oval and Rectangle pulls (each mold tray makes four pulls).

## *Knob Bases (hardware)*

These decorative metal bases come in two styles, straight and classical, and in two finishes, brass and chrome. Either end of the bases can be glued to the knob pieces. Reverse the classic style base for a third style option. Sold in packages of 3.

## *Mold Release/Conditioner*

All molds require mold release when casting with EasyCast. We recommend the use of Mold Release/Conditioner to clean and extend the life of Castin' Craft polypropylene molds as well. Convenient 4 oz spray bottle for easy application.



# Castin' Craft Supplies, continued

## Castin' Craft Granite Powders

Faux granite powder, available in eight unique blends to meet your granite color and texture needs. Add to EasyCast for the look of natural granite. Combine granite powders to create additional color blends. These colors were carefully chosen to compliment and match the most popular solid surface countertops available. The granite powders look white, but magically reveal their color when added to EasyCast.



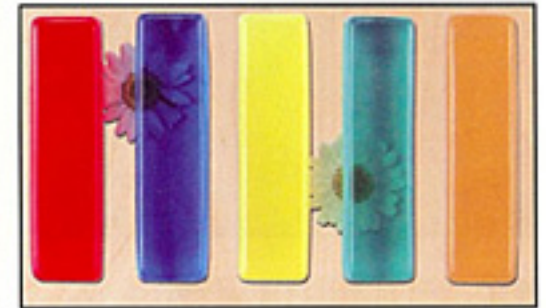


# Castin' Craft Colorants

## Opaque Pigments and Transparent Dyes



Castin' Craft colorants are available in 8 - 1 oz. Opaque Pigments (solid color) and 5 - 1 oz. Transparent Dyes (translucent). Opaque Pigment Colors: White, Black, Red, Blue, Green, Yellow, Brown and Pearl. Transparent Colors: Red, Blue, Yellow, Green and Amber. These universal pigments and dyes can be used with Castin' Craft Polyester Casting Resin and EasyCast Clear Casting Epoxy.



### Mixing Your Own Designer Colors

Use the color chart below as a guide to help you mix colors. There are endless color possibilities! For best results, follow these basic guidelines.

- If blending colors, mix colorants together on wax paper to test results before adding to mixed EasyCast.
- Add one drop of colorant or mixed colorants per ounce of mixed EasyCast and blend as described.
- To lighten colors, add white. To darken colors add black. Pearlescent will lighten and add a shimmering pearl effect.
- Adding a complementary color will mute and tone down a color. For example, add green to pink for dusty rose.
- Take notes and record proportions if you want to match a color mix with the same results each time.
- Secondary colors such as orange and purple are easily created by following the chart below.
- When asked for a 'touch' of color, use a toothpick and add a little at a time until your color is achieved.

Red	Yellow	Green	Blue	Purple (3 Red + 3 transparent Blue)	Brown	Black
Pink (3 White + 1 transparent Red)	Pale Yellow (3 White + 2 transparent Yellow)	Mint (3 White + 1 transparent Green)	Pale Blue (3 White + 1 transparent Blue)	Light Lilac (3 White + 1 Purple)	Ivory (3 White + 1 transparent Amber)	Gray (4 White + 1 Black)
Dusty Rose (3 White + 1 transparent Red + touch of transparent Green)	Orange (3 Yellow + 1 transparent Red)	Moss Green (3 Green + 1 transparent Red)	Aqua (3 transparent Blue + 4 transparent Green + touch of White)	Lavender (3 Purple + transparent Yellow + touch of White)	Sage (3 Green + 2 transparent Red + touch of White)	Avocado (3 Green + 2 transparent Red + 1 Black)
Brick (3 Red + 2 transparent Amber)	Lime (3 Yellow + 2 transparent Green)	Teal (3 Green + 4 transparent Blue)	Wedgwood (3 Blue + 2 Orange + touch of White)	Wine (3 Purple + touch of Black)	Umber (3 Brown + 2 Green + touch of Black)	Blue Gray (3 Gray + touch of Blue)
Burgundy (3 Red + touch of Black)	Coral (3 Pink + 2 Orange)	Forest (3 Green + touch of Black)	Cobalt Blue (3 Blue + touch of Black)	Magenta (4 transparent Red + 1 Purple)	Coffee (3 Brown + touch of Black)	Green Gray (3 Grey + touch of Green)
Pearl Red (3 Pearlescent + 1 transparent Red)	Pearl Yellow (3 Pearlescent + 2 transparent Yellow)	Pearl Green (3 Pearlescent + 1 transparent Green)	Pearl Blue (3 Pearlescent + 1 transparent Blue)	Pearl Purple (4 Pearlescent + 1 Purple)	Pearl Brown (3 Pearlescent + 1 transparent Amber)	Pearl Black (4 Pearlescent + touch of Black)



# Making Molds & Casting with EasyCast



**Castin'Craft Mold Builder**  
Mold Builder is a natural liquid latex rubber used to make custom shaped molds. You can easily duplicate shells, river rocks, antique knobs and other items with safe, brush-on latex rubber. Mold Builder molds are durable, reusable, and economical to make. Ideal for making molds to cast clear polyester casting resin, EasyCast clear casting epoxy, plaster, soap, candle wax and concrete. Mold Builder is available in three convenient sizes, 16 ounce, 32 ounce and 1 Gallon.



## **Mold Release/Conditioner**

All molds require mold release when casting with EasyCast. We recommend the use of Mold Release/Conditioner to clean and extend the life of Castin'Craft polypropylene molds as well. Convenient 4 oz spray bottle for ease of application.



### **Step 1: Brushing on latex rubber.**

Prepare your work surface by taping down wax paper or freezer paper to a firm, smooth surface (a glazed tile covered with freezer paper is shown here). Apply a thin coat by simply brushing the liquid rubber over the surface of the model, then around the base to create a 1" flange. Allow the Mold Builder to air dry or use a hair drier on a warm setting to speed up the drying. Important: A thin first layer is best. Avoid a build up in crevices or puddles that will require extra drying time.



### **Step 2: Adding additional layers for rigidity & support.**

Once the surface has dried, the rubber will have a translucent tan appearance; you can now apply another layer. Allow the combined layers to gradually achieve proper thickness. Make sure each layer has dried completely before adding the next layer. A small knob mold requires approximately ten layers. For added firmness and support for larger models, apply a layer of cheese cloth in your last layer. Refer to Mold Builder package instructions for further details.



### **Step 3: Releasing model from mold & treating with Mold Release/Conditioner.**

Once your last layer has dried, dust the outside of the mold with talc powder. The powder helps to keep the fresh latex from sticking to itself. Then carefully remove your model from the mold. Important: All molds require mold release when casting with EasyCast. Apply two applications of Mold Release / Conditioner to the interior of your new mold. Mist the surface and work the solution into the mold with your fingers. Wipe back any excess and allow the mold to thoroughly dry before using.



### **Step 4: Supporting your mold, then casting with EasyCast.**

Small molds can be suspended in a cup or box. If using a box, cut a hole the same area as the base of the model. Place mold into box and secure by taping flange with masking tape. Casting: Mix EasyCast per package instructions, add pigments, dyes, granite powder, etc., then carefully pour into your mold. Allow cast pieces to cure 24 hours before removing.



### **Step 5: Releasing cast pieces.**

When the EasyCast pieces are fully cured, simply pull the mold back from the cast piece. Trim or sand casting if needed with 150 grit or finer sand paper. Tip: If you sand the back side of a clear casting, you will leave fine scratches which may be visible from the front side. To remove or cover these fine scratches, spray the affected area with a fast drying clear acrylic spray such as Castin'Craft Resin Spray.



# Basic Techniques

## Layering

Use the layering technique when you want to embed an object or for special effects such as the terrazzo and dichroic glass.

1. Mix EasyCast per package instructions.
2. Pour 1/4" layer of clear mixed EasyCast into bottom of the mold. Only mix a small amount of EasyCast as this layer must cure before adding the next layer. If adding embedded items, continue to next step, if not, allow this layer to cure and proceed to step 4.
3. While this first layer is still liquid, insert objects you wish to embed. Tip: To prevent trapped bubbles on embedded items, brush on a coat of mixed EasyCast onto your embedded item first, then insert. Allow layer to cure.
4. Second Layer: Mix EasyCast per package instructions.
5. Add colorants, granite powders, etc. and continue to fill mold.
6. Allow pieces to cure before removing from mold.



## Sanding knob backs

If needed, sand the back edges of your cast pieces with a few strokes on a piece of 150-grit or finer sandpaper. Keep the cast pieces flat and level while sanding. **Note:** If you sand the back side of a clear casting, you will leave fine scratches which may be visible from the front side. To remove or cover these fine scratches, spray the affected area with a fast drying clear acrylic spray such as Castin' Craft Resin Spray.



## Gluing on knob bases

EasyCast is ideal for gluing on the knob bases. Mix a small amount of EasyCast per the package instructions. **Tip:** Pour the mixed solution onto wax paper for a longer working time. Using a craft brush apply EasyCast to the bottom of the knob bases and center on cast pieces. **Note:** Either end of the knob bases can be glued to the cast pieces, just make sure the direction of all the knob bases is the same.



## Using tape or your mold to hold pieces while glue sets.

To keep the knob pieces level and straight while the glue sets, place the pieces back into the mold and position as needed, or to prevent the knob bases from migrating, use a piece of tape to hold knob bases in place while the glue sets.

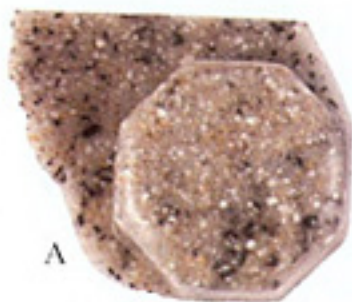
## Adding Top Accents

Metal charms make great top accents and are readily available at most craft stores (jewelry findings area). Glue pieces in place with mixed EasyCast or 30 minute epoxy glue. **Tip:** Pour mixed EasyCast on wax paper and allow to thicken (approx 30 minutes) before applying to backs of charms. If needed, use a piece of masking tape to hold the charm in place while the glue sets.





# Trouble Shooting



(A) **OVER POURING MOLD CAVITY.** **Solution:** Simply leave excess to cure and harden. After removing from mold, break off excess. If needed, use pliers or trim excess with knife. Sand to smooth away rough edges.

**SOFT OR STICKY CASTINGS** (after 24 hours). **Cause:** Improper measure and mixing of EasyCast. These pieces will need to be disposed of and new pieces cast. Be careful to measure and mix accurately per the package instructions.

(B) **BUBBLES UNDER EMBEDDED OBJECTS.** **Solution:** Before placing an object into mold, brush on a coat of mixed EasyCast. This will help to stop bubbles from become trapped. **TIP:** Use a small mirror placed under your mold, then raise the mold up slightly to view the freshly cast pieces from underneath. If you do this step within minutes of pouring, you will have time to dislodge any stubborn bubbles. Note: **DO NOT pick up mold and look underneath, you could drip EasyCast into your eyes causing serious damage.**

**KNOBS ARE HARD TO REMOVE FROM MOLD.** **Cause:** Depending on depth of pour, EasyCast may require up to 24 hours to cure to a hard casting at 70° F. The harder the cure, the easier the pieces will release from your molds. Attempting to remove pieces prior to this point may damage them.

(C) **SOFT OR IMPERFECT CORNERS ON A CASTINGS WHEN USING MOLD RELEASE/CONDITIONER** **Cause:** Excess Mold Release left in mold. **Solution:** Make sure to wipe clean all excess Mold Release and allow mold to dry before pouring.

**KNOB BASE WON'T HOLD TO CAST KNOBS.** **Cause:** Poor bond. **Solution:** Sand the surface smooth with sandpaper and re-glue knob base using EasyCast.

(D) **EMBEDDED OBJECT NOT VISIBLE, LAYERS APPEAR TO HAVE BLENDED.** **Cause:** The first clear layer of EasyCast was not completely set before pouring on a second colored layer. The first and second layers then blended obscuring the embedded object.

**KNOB BASE GLUED OFF-CENTER.** **Cause:** Work surface or knobs not level causing the knob bases to migrated while the glue was setting. **Solution:** Remove knob bases, if needed use a hammer. After removing, sand knob back surface smooth and re-glue knob bases.

**CASTING STICKING TO RUBBER MOLD.** **Cause:** EasyCast not fully cured or mold not conditioned properly. **Solution:** All molds require mold release when casting with EasyCast. Apply two applications of Mold Release / Conditioner to the interior of your mold. Mist the surface and work the solution into the rubber mold with your fingers. Wipe back any excess and allow the mold to thoroughly dry before using.

**A CANDY, SOAP OR CANDLE MOLD WAS USED AND CAST PIECES WILL NOT COME OUT.** Due to the strong bonding properties of EasyCast, only use plastic molds designed for resin casting. Molds such as candy, soap or candle molds are generally not useable even with a good mold release. If you're not sure, test a spot on the mold, such as the back side.

**METALLIC LEAF PIECES ARE VERY SMALL AND HARD TO SEE IN CASTING.** **Cause:** Metallic leaf is very fragile and if over mixed will break apart into small pieces. **Solution:** When adding metallic leaf, gently work into the mixed EasyCast solution just before pouring into mold.

**TINY BUBBLES IN CASTING.** **Cause:** EasyCast was cold when mixed. **Solution:** If needed, make sure you gently warm the EasyCast bottles before using. Follow the EasyCast instructions.

**COLORS ARE MUDDY, CAN'T SEEM TO CREATE THE RIGHT HUE.** **Cause:** Poor mixing of colors. **Solution:** Mix your colors on a piece of wax paper or in a small plastic container and make sure you are satisfied with the hue before adding it to the mixed EasyCast. Always start with the lightest color first. When using the color chart, add the colors one at a time and mix well. When asked for a 'touch' of color, use a toothpick and add a little at a time until your color is achieved.

**CANNOT MATCH COLORS WHEN MAKING LARGE BATCH OF KNOBS.** **Cause:** Mixing a new color each time you cast. **Solution:** Mix a larger amount of your chosen color in a small plastic container, then draw from this in repeated castings. Keep good records of how much color to add to each batch to make sure the color is uniform. Due to settling, always shake the opaque pigment and transparent dye containers before using.



# Marble - Techniques & Projects



*Marbled granite knobs add a natural and dramatic accent to both the natural wood and painted green cabinet doors.*

*The marbling technique is a simple way to add a more natural appearance to cast granite or create the look of natural marble, agate or ivory with opaque pigments. Each knob will be slightly different, just like in nature.*



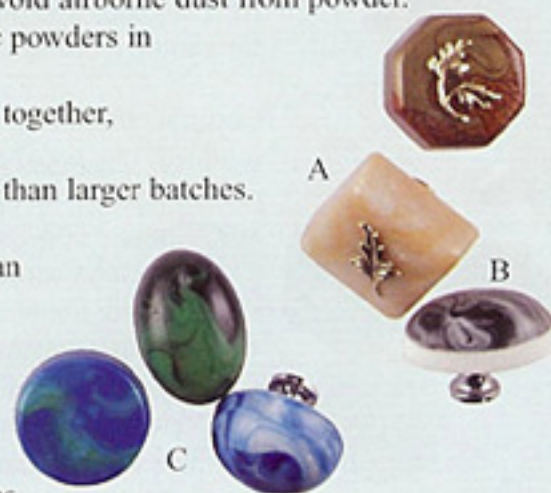
- Mix EasyCast per package instructions.
- Using two contrasting colors of granite powders, measure equal amounts of both into separate measuring cups. Keep granite colors separate.
- Pour equal amounts of mixed EasyCast into cups with granite powders. Blend slowly to avoid airborne dust from powder.
  - You can add two transparent dye colors, two opaque pigment colors or two metallic powders in place of the granite powders for faux marble, ivory or agate effects. (C)
  - Pour one colored mix into the other. Stir once or twice to swirl the two colors together, then pour into molds. Allow pieces to cure.
  - Small batches of marbled knobs (a tray of six) will produce better results than larger batches.



(A) Faux Ivory Square Knob: Color mixed EasyCast with white and tan opaque pigments. Add a gold charm for a rich antique look.

(B) Black and White Marbled Oval Knob: Combine two techniques, a marbled first layer, and a white opaque second layer.

Experiment and use your imagination to create many different unique knobs.





# Granite - Techniques & Projects



*Accent a country kitchen with gray granite knobs and pulls.  
Simple top accents add to the traditional feel.*

Castin'Craft Granite Powders mixed with EasyCast produce dramatic results. The eight granite colors were carefully chosen to match popular countertops, but it is easy to mix custom colors by combining granite powders. Accent knobs and pulls with simple accents from your local craft store to create a traditional look or leave plain for a more modern look.

Castin'Craft Granite Powders appear white but change color immediately when EasyCast is added. Use equal amounts of granite powder to mixed EasyCast to start. Adding more granite powder will give you a stronger more dense granite effect. Be careful, adding too much granite powder can result in a stiff mixture which is hard to pour.

- Mix EasyCast per package instructions.
- Measure granite powder into plastic measuring cup.
- Add an equal amount of mixed EasyCast to the granite powder.
- Stir mixture slowly to avoid airborne dust from powder, then pour into molds.
- Releasing air bubbles from surface of cast: If needed use a hair dryer and pass heated air quickly over the EasyCast surface. Be careful, excess heat can melt or warp plastic molds. Allow pieces to cure.





# Metal - Techniques & Projects



*Simple gold dome knobs accent this rustic green kitchen counter and cabinets.*



Adding metallic powders or metal flakes gives that extra accent to designer knobs. Metal flakes can be added along with granite powders for a metal infused granite look. They can also be added into EasyCast with a tiny touch of transparent dye for the look of metal flakes suspended in glass. Simple faux metal knobs in copper, gold or silver can be created with the addition of metallic powder alone or mixed with opaque pigments such as the dome knob sample above.

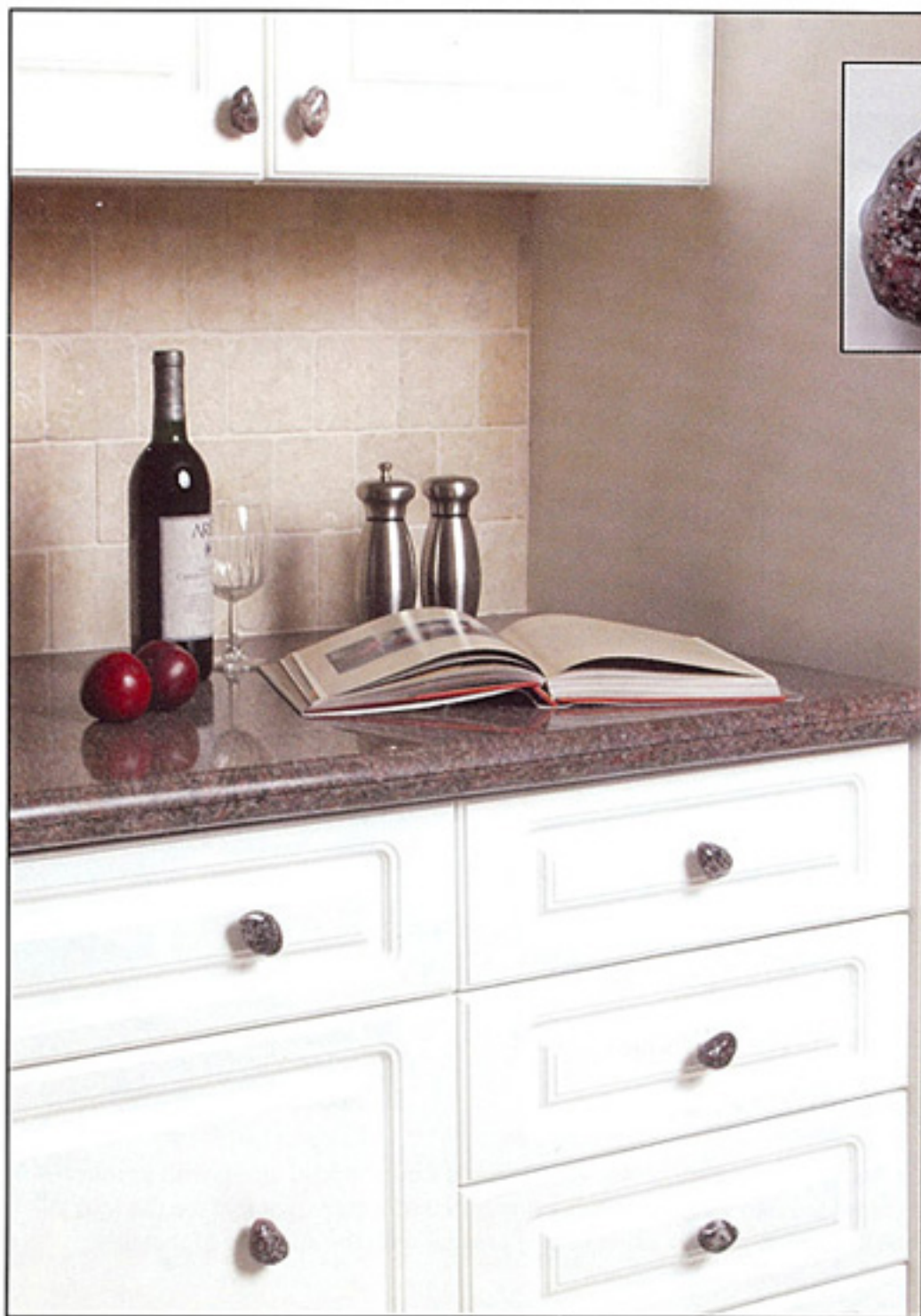
Metallic powders and metal leaf flakes are available at art and craft stores. Metal powders are made from finely ground metal and suspend beautifully in EasyCast. Metal flake or leaf is very thin sheets of gold, silver or copper and is available at most art and craft stores.

- Mix EasyCast per package instructions.
- Metallic Powders: Add metallic powder to mixed EasyCast, approximately 1/4 teaspoon per 8 ounces. Less or more can be used for varying effects. Mix well to ensure all powder is blended in.
- Metal Flakes: Add a pinch of metal leaf to mixed EasyCast, approximately 1 pinch of metal flakes or if using sheets, 1/4 sheet per 4 ounces. Metal flakes can be added with transparent dyes, opaque pigments and granite powder for varying effects. Add metal flakes last and carefully mix in. Pour into mold. Note, metal flakes are fragile and can break apart easily when mixing.
- Releasing air bubbles from surface of cast: If needed use a hair dryer and pass heated air quickly over the EasyCast surface. Be careful, excess heat can melt or warp plastic molds. Allow pieces to cure.





# Custom Knobs - Techniques & Projects



*A highlight of this kitchen, these beautiful pebble knobs are sure to be a conversation piece for visitors, but they are also functional, durable and fun! The marbled faux granite knobs match the countertop color and natural pattern.*

*These custom knobs were made using Castin'Craft Mold Builder and smooth river rocks. Making your own molds with Mold Builder takes a little patience, but the results are spectacular! It's a good idea to make four or more molds at the same time, so the casting will go quickly.*

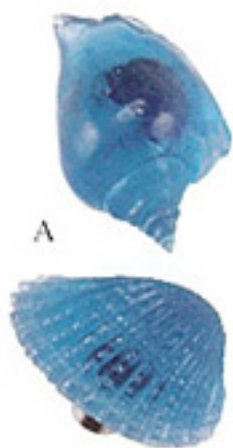
*Natural seashells, smooth river rocks and polymer clay sculptured objects were used for these custom knob samples.*

*Follow directions on page 5 for making your own rubber molds.*

(A) **Blue glass seashell knobs** - Model: Natural seashells. Mix EasyCast per package instructions, tint with blue transparent dye and pour knobs as required. **Tip:** for a durable gloss and smooth finish, apply a clear coating of mixed EasyCast.

(B) **Marbled pebble knobs** - Model: Smooth river rocks. Cast with Sierra Grey, Dakota Red and Black Quartz Granite Powders. Follow directions on page 9.

(C) **Rooster and Pea Pod Knobs** - Models: Shapes formed from polymer clay, details added with rubber stamps. Design pieces, then bake according to package instructions. These knobs were cast with EasyCast and metallic powder. Once cured, remove from mold and antique with green acrylic paint. Apply paint to overall surface and wipe off excess.





# Glass Art - Techniques & Projects



*Dark blue oval knobs with the look of glass accent this very chic and modern bathroom!*

*The key to faux glass is making sure that the EasyCast bottles are lightly warm to the touch, but NOT HOT before using. Because these knobs come out so clear, a final thin layer of solid colored EasyCast can be added if desired to hide the metal knob bases. EasyCast with silver powder gives a bright mirrored effect or a white layer adds to the brightness of colored knobs. Castin'Craft transparent dyes are used to give just a hint of color to EasyCast. Metal flakes can be added for faux dichroic glass effects, or you can simply pour in a clear layer for a clear glass knob.*

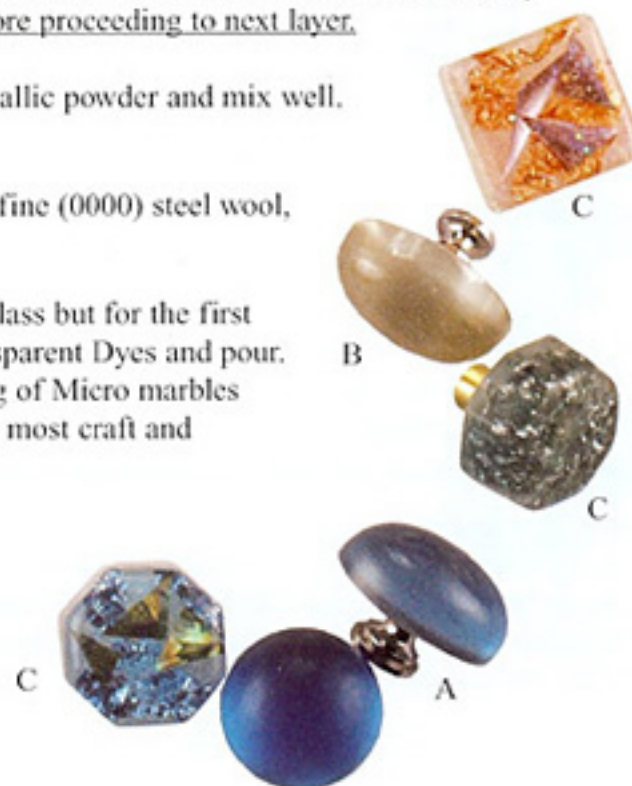
**Layer 1 (top layer):** Mix EasyCast per package instructions. Add transparent dye to mixed EasyCast, approximately one drop to one ounce of EasyCast. Less or more can be used for varying shades. If making more knobs at a later date, take notes on how many drops. Mix well, then into mold, about  $\frac{3}{4}$  full. Let the first layer cure completely before proceeding to next layer.

**Layer 2 (bottom layer):** Mix EasyCast per package instructions. Add colorant or metallic powder and mix well. Pour remaining area of mold cavity and let cure completely.

(A) **Frosted or Satin Glass:** Cut surface of knobs using super fine (0000) steel wool, then polish with floor wax, furniture or automotive polish.

(B) **Hand Blown Faux Glass:** Follow the directions for faux glass but for the first layer, marbleize by adding two colors of Castin'Craft Transparent Dyes and pour. To create the illusion of tiny clear bubbles, add a sprinkling of Micro marbles to the fresh poured surface. Micro marbles can be found in most craft and rubber stamp stores.

(C) **Faux Dichroic Glass,** first layer: Pour a clear first layer and arrange large pieces of metallic flakes and foil. Allow layer to cure. Second layer: Color EasyCast with transparent dyes or pearlescent pigment.





# Terrazzo - Techniques & Projects



*Green octagonal knobs accented with brown give the perfect finish to this kitchen.*

Castin'Craft Square and Octagon knob molds are available with a raised border. This raised area makes it easy to pour other colors within the border creating the look of expensive inlay. There are endless possibilities for this two-layer technique. Although the pieces shown here are of cast granite, yours can combine bright and jazzy colors, marble effects, and more!

- Layer 1:** Determine the amount of EasyCast required to fill center area of molds, then mix EasyCast per package instructions.
  - Opaque pigments: Add to mixed EasyCast and blend.
  - Granite powders: Measure granite powder into separate container, then add equal amount of mixed EasyCast, stir mixture slowly to avoid airborne dust.
  - Metallic powders: Add metallic powders to mixed EasyCast, use  $\frac{1}{4}$  teaspoon per 8 ounces and blend.
- Use a stir stick to place a small amount of mixture within the center area only. Be careful to avoid over filling area. Allow this layer to cure before proceeding.
- Layer 2:** Mix EasyCast per the package instructions. Mix in a chosen color or granite powder and fill remaining mold cavity. Allow pieces to cure.

## Color Tips and Ideas:

- Keep colors of first and second layers similar to create a subtle terrazzo effect. (A)
- For a dramatic look, use colors with sharper contrast (one light, one dark). (B)
- Combine a granite top layer with a metallic second layer. (C)
- Add top accents (optional).





# Faux Gems - Techniques & Projects



*Rose Quartz knobs grace this bathroom and create a look of elegance.*

*These faux gems are done in one simple casting, making it quick and easy. Add Mylar shreds, metal leaf or glitter. It's the added elements that create the unique dimensional look!*

- Mix EasyCast per package instructions
- Mark 2 measuring cups #1 and #2. Pour equal amounts of mixed EasyCast into cups #1 and #2. If called for, mark a third cup #3 and divide equal amounts of mixed EasyCast between all 3 cups.
- Add contrasting transparent dyes to cups #1 and #2. Gently mix in colors in each cup. If called for, add a drop of white opaque pigment to the EasyCast in cup #3.
- Pour contents of cup #1 into cup #2. For fractures or metallic deposits, add iridescent Mylar shreds (type used in gift baskets), silver glitter or metal leaf. Gently mix, just enough to swirl or marble. Pour into mold.
- If a third cup #3 is used, dispense a drop or two of white pigment into cup with mixed EasyCast and blend. Use a toothpick to dip into this mixture and swirl throughout layer of casting. Allow pieces to cure.

## FAUX GEM KNOBS

(A) **Lapis Lazuli:** Square mold, #1 cup - pearlescent pigment and silver flakes, #2 cup - blue opaque pigment.

(B) **Blue quartz with silver:** Dome mold, #1 cup - clear EasyCast with silver flakes, #2 cup - blue transparent dye.

(C) **Gold bearing crystal:** Square mold, #1 cup - clear EasyCast with Mylar shreds and gold silver glitter, #2 cup - pearlescent pigment, #3 cup - white opaque pigment.

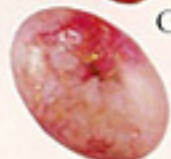
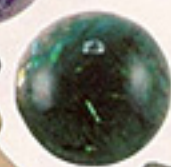
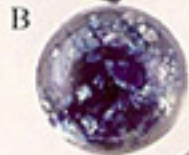
(D) **Emerald:** Dome mold, #1 cup - clear EasyCast and green silver glitter, #2 cup - green transparent dye.

(E) **Jade:** Square mold, #1 cup - clear EasyCast with Mylar shreds and black plastic pieces. #2 cup - Mix jade green transparent dye, #3 cup - white opaque pigment. (A Chinese coin was used for the top accent on this piece).

(F) **Amethyst:** Oval mold, #1 cup - pearlescent and Mylar shreds, #2 cup mixed purple transparent dye.

(G) **Rose quartz:** Oval mold, #1 cup - pearlescent and Mylar shreds, #2 cup red transparent dye, #3 cup white opaque pigment. The square knob samples shown at the top of the page are done the same way but gold metal leaf is added to a clear #1 cup mix.

(H) **Ruby:** Dome mold, #1 cup - clear EasyCast and red silver glitter, #2 cup red transparent dye.





# Embedding Objects - Techniques & Projects



*Knobs and pulls embedded with colorful beans. Make a charming accent to this upscale country kitchen.*

*Depending on what objects you choose to embed, this technique can be elegant or whimsical, modern or Victorian, taste tempting, nature-inspired or just plain fun! Objects to embed include charms, novelty buttons, novelty erasers, shells, small mosaic pieces and coins. This layering technique is done in two separate castings. The first layer must be cured before second layer is added. The second layer provides depth or background color.*

**Layer #1:** Mix EasyCast per package instructions. Add a 1/4" layer of EasyCast (clear) to bottom of mold. Place objects face down into mold. To prevent trapped air bubbles, brush objects with mixed EasyCast before embedding. Let this layer cure fully before proceeding.

**Layer #2:** Mix EasyCast per package instructions. Add opaque pigment, transparent dye or granite powder to compliment object. Fill remaining mold cavity. Allow pieces to cure.

- (A) **Pink Octagon Knobs:** Layer #1, embed silver baby charms. Second layer: Color with pale pink opaque pigment and pearlescent pigment.
- (B) **Pale Yellow Square Knobs:** Layer #1, embed baby block novelty buttons. Second layer: Color with pale yellow opaque pigment.
- (C) **Blue Square Sports Knobs:** Layer #1, embed sports ball novelty erasers. Second layer: Color with light blue opaque pigment.
- (D) **Mosaic Octagon Knob:** Layer #1, embed small mosaic pieces. Second layer: Color with light aqua opaque pigment.
- (E) **Anchor Octagon Knob:** Layer #1, embed small anchor charm. Second layer: Color with white opaque pigment. Third layer: Color with dark blue opaque pigment.
- (F) **Shell Octagon Knob:** Layer #1, embed small shells. Second layer: Add Mojave Sand granite powder.
- (G) **Oval shell and glass Knob:** Layer #1, embed small shells and silver metal leaf. Second layer: Color with blue transparent dye.





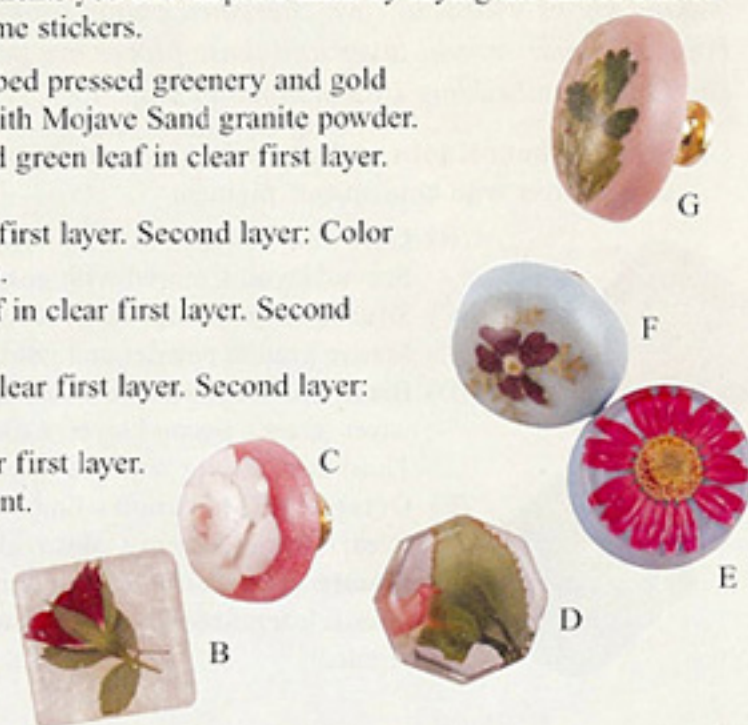
# Flowers & Leaves - Techniques & Projects



*Bright and cheerful daisy knobs adorn this white dresser and bring summer into the room year round.*

Dried flowers and leaves can be embedded into your knobs and pulls using the embedding method on page 15. The dried and pressed flowers or leaves are added to the clear first layer. When people offer compliments you can surprise them by saying the knobs started in your garden! Other options include silk and porcelain flowers or floral theme stickers.

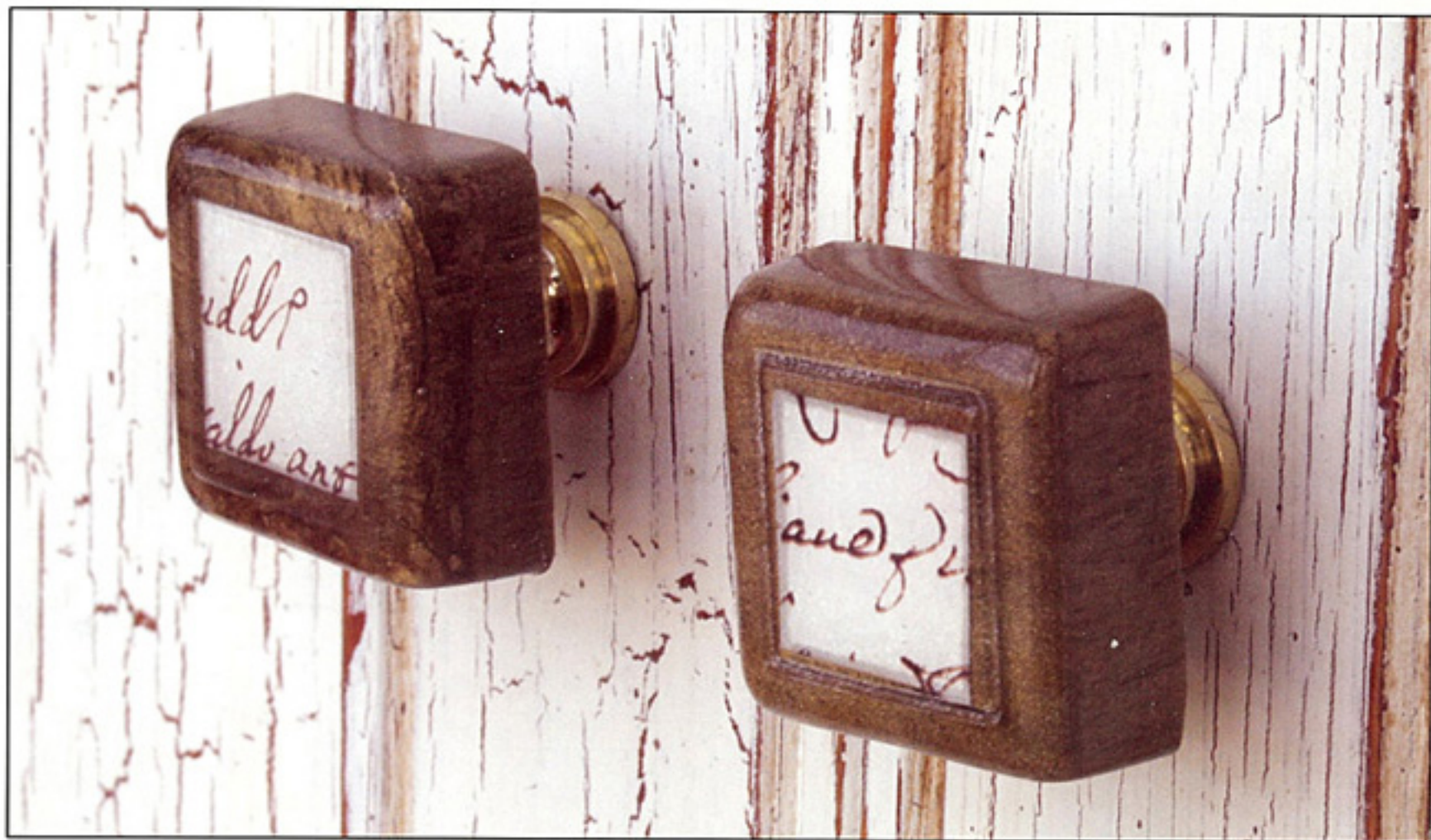
- (A) **Rectangle pull and matching square knob:** Embed pressed greenery and gold leaf foil in clear first layer. Second layer: Color with Mojave Sand granite powder.
- (B) **Rose square knob:** Embed dried pressed rose and green leaf in clear first layer. Second layer: Color with pearlescent pigment.
- (C) **Rose dome knob:** Embed porcelain rose in clear first layer. Second layer: Color with red opaque pigment and pearlescent pigment.
- (D) **Rose octagon knob:** Embed silk rosebud and leaf in clear first layer. Second layer: Clear.
- (E) **Pink Daisy knob:** Embed pressed pink daisy in clear first layer. Second layer: Color with light blue opaque pigment.
- (F) **Oval floral knob:** Embed pressed flowers in clear first layer. Second layer: Color with light blue opaque pigment.
- (G) **Oval greenery knob:** Embed pressed greenery in clear first layer. Second layer: Color with dusty rose opaque pigment.





# Embedding Photos and Paper Images

## Techniques & Projects



*Old script framed in gold adds the perfect touch to an antique dresser.*

Stickers, photos, drawings, and other flat printed images make wonderful accents for knobs and pulls. They can match the shape of the mold or not (the rooster on the octagon knob below is a very different silhouette). A clear first layer protects the image. The second layer contains color or texture and acts as both frame and background. All photocopies, prints, etc., should be laminated or sealed with white craft glue before placing into mold. Most stickers can be used as is. Imagine making knobs with your own cherished photographs! These are truly one-of-a-kind projects. Pour a thinner second layer and these pieces are perfect for pins, magnets or holiday ornaments, etc. Follow embedding instructions on page 15.

(A) **Square Photo Knobs on left:** Embed laminated photos in first layer (clear). Second layer: Color second layer with blue opaque pigment.

(B) **Gold and Antique Print Dome Knob:** Embed laminated image in first layer (clear). Second layer: Colored with gold metallic powder.

(C) **Square with Accent Print Knob:** Embed laminated image in first layer (clear). Second layer: Add Dessert Mauve granite powder and gold leaf flakes to EasyCast.

(D) **Black and Red Square Print Knob:** Embed laminated image in first layer (clear). Second layer: Color with black opaque pigment. Third layer: Color with red opaque pigment.

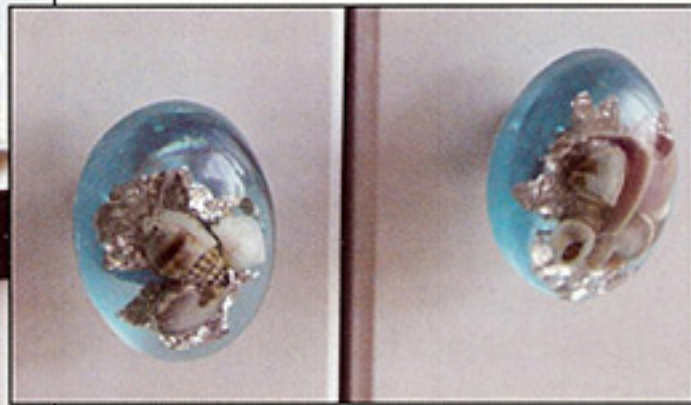
(E) **Octagon rooster knob** - Embed Rooster sticker in first layer (clear). Second layer: Color with red opaque pigment.

(F) **Square print knob:** Embed laminated image in first layer (clear). Second layer: Color with brick opaque pigment.





# Combined Techniques - Techniques & Projects



*Create a tropical theme with these seashell-glass knobs and pulls. Silver metallic flakes are placed in the first layer behind the seashells to create a sparkling, reflective background.*

*The sea theme knobs and pull are a combination of embedded, metal flake and glass techniques, pages 10 & 12.*

*Rich and elegant, faux amber adds warmth and depth with a touch of mystery.*



*Faux amber is created using the combined techniques of marbling (page 8) and metal flakes (page 10). Small plastic embeddings made from grated black polymer clay were added. Follow package instructions and bake before embedding.*

Two coasters with an amber necklace are also shown. The coasters were made using the same process and cast in Castin'Craft MC-4 molds. The necklace gem was cast using Castin'Craft dome knob mold, then finished with copper wire and beads.





*Decorate your home with Easy Cast Knobs!*



0 33331 33551 0