

# MTBJZJ<sup>®</sup>

## Shenzhen Meitaibang Chemical Co.,Ltd

Add: 3/F,Block B,Hengyu Science Park,Nanlian,Longgang,Shenzhen

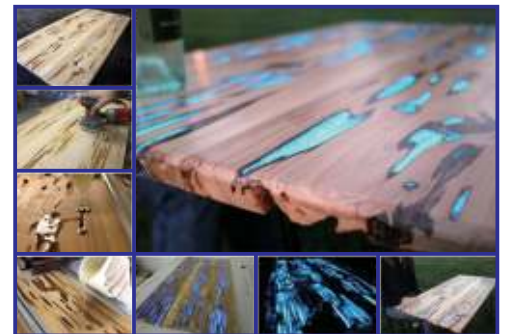
Email: mtb@glue-adhesive.com Tory.liu@glue-adhesive.com

Tel: +86-755-84828579 Mob: +86-13682569107

Website: www.glue-adhesive.com

Creating innovative coatings, castings and molding products for the professional artist, crafter and hobbyist since 1998. MTBJZJ is recognized for its quality products around the world.

As the producer of MTBJZJ, the original two-part epoxy coating, we continues to develop products such as Clear Casting Epoxy Resin both for crafts and furnitrues. Our MTB-6048 are attractively packaged, meet any label requirements, and include informative instructions with project ideas.



Creating innovative coatings, castings and molding products for the professional artist, crafter and hobbyist since 1998. MTBJZJ is recognized for its quality products around the world.

As the producer of MTBJZJ, the original two-part epoxy coating, we continues to develop products such as Clear Casting Epoxy Resin both for crafts and furnitrues. Our MTB-6048 are attractively packaged, meet any label requirements, and include informative instructions with project ideas.

### Crystal Epoxy Resin Casting

#### Description

MTB-6048 Epoxy Casting Resin is more and more frequently used in the crafting and hobby world, they are easy to use with non-toxicity, making them suitable for ventilated craft rooms and work areas.

Epoxy resins come in two parts: resin and hardener. The two parts must be mixed in the precise ratio given in the manufacturer's instructions. Imprecise measuring and mixing prevents the epoxy resin from solidifying or curing. Epoxy resin is also self leveling, giving your project a glass like finish without too much technique.

More expensive than the polyester resin but a great way to get started for a small batch of projects.

#### Typical Application

Epoxy Casting Resin is the depth in which it can be poured for larger embed projects of furnitures,such as tables and chairs, especially mix with metallic color, solid color,glow color to have the various colorful effects.

Epoxy Casting Resin is perfect for jewelry casting as it has a shallow setting depth, so it will cure quickly when used correctly. Perfect for casting small decorative items such as jewelry pieces, buttons, knobs, figurines, cosplay props and more!

#### Feature

- Two-component of epoxy resin and hardener 3:1.
- Clear totally,Solvent free,No VOC's.and No odor.
- Excellnet on pour-on epoxy coating, casting, Embedding and encapsulation.
- Easy to use, professional results with a clear glass-like finish.
- Long open time, excellent bubble release with crystal clear clarity.
- The UV resistant formula has a pleasing citrus scent, is waterproof, heat and chemical resistant.
- Epoxy can be tinted with metallic/glow pigments for solid colors or transparent dyes to create a colored glass look.
- Finished castings can be turned on a lathe for projects such as pens, vases, etc.
- Casting Resin is water, heat and chemical resistant and can be buffed or polished to a high sheen if desired. These unique characteristics are why so many professionals use it for demanding projects!

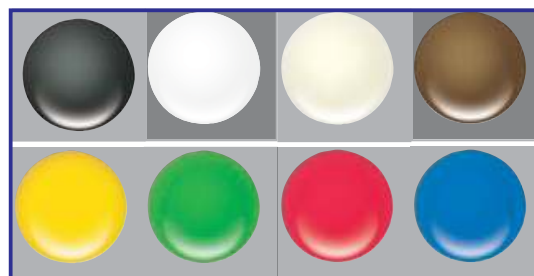
#### Technical Data Sheet

Item	Epoxy Resin(A)	Epoxy Hardener(B)
Appearance	Liquid	Liquid
Color	Transparent	Transparency
Viscosity @ 25(mpa.s)	380 - 450	30 - 40
Mix Ratio	3:1	
Hardness (Shored)	75-80	
Operation Time	50-60mins@25°C	
Curing Time	24-26hrs;@25°C; 8hrs@35°C	
Shelf Life	12months	
Package	16oz/unit,32oz/unit,1gallon/ unit/20L/unit,accept OEM&ODM	

#### Color Pigments

MTBJZJ Color pigments can be used with Clear Casting Epoxy. The pigments blend easily to create unlimited color combinations. For more colors, pls email us mtb@glueadhesive.com.

Yellow----1kg/barrel	Black----1kg/barrel
White----1kg/barrel	Green----1kg/barrel
Pearlescent----1kg/barrel	Red----1kg/barrel
Brown----1kg/Barrel	Blue----1kg/barrel



#### Package

We have the package as below and accept OEM&ODM.

16oz/unit---12oz(A)+4oz(B)
32oz/unit---24oz(A)+8oz(B)
1Gallon/unit--3/4gallon(A)+1/4gallon(B)
20L/unit---5L/barrel,20L/unit



**Creating innovative coatings, castings and molding products for the professional artist, crafter and hobbyist since 1998. MTBJZJ is recognized for its quality products around the world.**

As the producer of MTBJZJ, the original two-part epoxy coating, we continue to develop products such as Clear Casting Epoxy Resin both for crafts and furnitures. Our MTB-6048 are attractively packaged, meet any label requirements, and include informative instructions with project ideas.

### Instructions

Take the jewelry for examples, here are the using steps as below for your reference.

### Materials

Resin

Measuring Tools

Disposable Mixing bowl or cup

Disposable tools

Suitable mold

Cooking Spray

Straw

Items for Embedding

**Epoxy Resin:** These resins are more frequently used in the crafting and hobby world, they are easy to use with a low toxicity, making them suitable for ventilated craft rooms and work areas. Epoxy resin is perfect for jewelry casting as it has a shallow setting depth, so it will cure quickly when used correctly.

Always handle resins with care, and follow the proper use that is recommended by the manufacturer.

**Pigments and Dyes:** These come in liquids, powders and pastes. You will need to purchase color dyes that are suitable for your brand of resin. Dye's are added during the mixing process.

**Dimensional Molds:** These are molds that create a 3D object, such as a heart shaped pendant, bangle or coaster etc. Latex and Plastic Molds can be purchased for resin casting or you can make your own molds, or use items you have around the home.

**Latex molds:** These are great to use as the flexibility of them means you can literally POP out your resin cast. You may need to experiment with your resin as some resins require a little extra hardener to cure in a latex mold due to the fact that the temperature of the resin is effected because of the latex.

**Plastic molds:** You can use store bought chocolate molds, specific pendant molds or other similar molds. again these are great to use due to the flexibility.

**Home molds:** Ice cube trays work well for pendants, chocolate box inlays are a great source of small rounded molds. You can use any durable (heat proof) plastic item you find in your home. You can also use inflexible molds that can be cut or broken away from the casting, such as a glass jar or plastic lunch container.

**Mold Release:** If you are using a flexible mold there really is not need to add a mold release agent. However a perfect inexpensive release agent is spray cooking oil. Simply give your mold a quick spray and wipe over and it's ready to use.

**Flat Objects:** You can also pour your resin over flat objects such as scrabble pieces, decorated coasters, trays and flat jewelry pieces.

### How to Mix

1) Measure the epoxy resin and epoxy hardener with the mix ratio of 3:1, then pour into your mold.

2) For mixing and measuring use baking spoons and measuring jugs as these will give you an accurate measurement.

3) Wipe out your measuring tools after each use, making sure you have separate tools for the resin and hardener parts.

4) Plastic disposable bowls, spoons or cups work well as you can discard them after each use. Do not over mix or your resin will be filled with air bubbles. Let your resin rest for a few moments before pouring to avoid extra air.

### Using Tips

**Air Bubbles:** Can be gently tapped out or use a straw and your warm breath to blow over the bubble, this disperses the soft resin and releases the air trapped underneath the surface. Larger projects use a warm setting on your hair dryer or embossing gun.

**Embedding items:** You can embed all sorts of items to make your resin exciting, from plastic toys to coins, dried foliage and even cake sprinkles.

**Photos and Images:** Photos and images can easily be embedded into your resin, it is advised to coat your image and photo with a sealer first to prevent the ink dyes from running in your resin. Using white clear drying craft glue is one way to seal your image, you can also use a spray varnish or other archival sealer. Make sure it is completely dried before pouring.

**Clean up:** If you have spilled your image, use an acetone cleaner, such as nail varnish remover or a methylated spirits before it cures. Cured resin can be chipped away with knives or chisels. The easiest way to clean up resin is not to spill it in the first place.

### Notes

Clear casting resin is designed for deep molds and castings. Use it to embed or encase almost any object in crystal clear plastic. Coins, shells, rocks, dried flowers, insects, paper and photographs are just a few of the examples of encapsulation possibilities.



# MTBJZJ<sup>®</sup>

## Shenzhen Meitaibang Chemical Co.,Ltd

Add: 3/F,Block B,Hengyu Science Park,Nanlian,Longgang,Shenzhen

Email: mtb@glue-adhesive.com Tory.liu@glue-adhesive.com

Tel: +86-755-84828579 Mob: +86-13682569107

Website: www.glue-adhesive.com

Creating innovative coatings, castings and molding products for the professional artist, crafter and hobbyist since 1998. MTBJZJ is recognized for its quality products around the world.

As the producer of MTBJZJ, the original two-part epoxy coating, we continues to develop products such as Clear Casting Epoxy Resin both for crafts and furnitrues. Our MTB-6048 are attractively packaged, meet any label requirements, and include informative instructions with project ideas.

