

MTBJZJ[®]

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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.



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Epoxy Art Resin

Description

MTB-6628 Epoxy Art Resin, a two components of epoxy resin and hardener, 3:1 mixing ratio by volume,100% solids, solvent free epoxy coating, particularly suitable for mixing with color paste to create a unique and amazing resin piece of art.

Application

It is a high performance, glass-like or mirror-like coating used for coating and painting on surfaces used may be Stretched Canvas, Canvas Boards, Plywood or MDF board, glass and so on.

Features

- Two components of epoxy resin and hardener,3:1
- Clear,solvent free,no odor
- Excellent UV resistance
- Finished coating is characterized by Thick clear & High Gloss coat
- Increase the attractiveness & Value of your Art
- Excellent adhesion, outstanding chemical resistance
- Can also be applied by conventional brush or roller

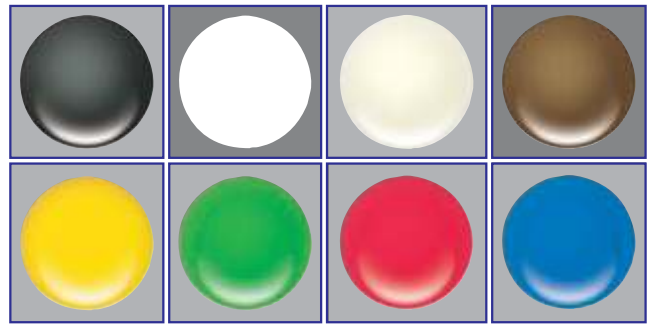
Technical Data Sheet

Item	Epoxy Resin(A)	Epoxy Hardener(B)
Appearance	Liquid	Liquid
Color	Transparent	Transparency
Viscosity @ 25(mpa.s)	700-1100	
Mix Ratio	3:1	
Hardness (Shored)	75-80	
Solid Content	100%	
Fineness (µm)	40~80	
Leveling Grade	8	
Wear Resistance (mg)	28	
Adhesion (grade)	0	
Compressive Strength (Mpa)	55	
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 Epoxy Art Resin. The pigments blend easily to create unlimited color combinations. For more colors, pls email us mtb@glue-adhesive.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



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Using Instruction

Step-by-Step: Resin Art

Step One

Elevate your chosen painting surface from the table, with wood blocks or bottle caps pushed in under the edges of the artwork. Surfaces used may be Stretched Canvas, Canvas Boards, Plywood or MDF board.

Step Two

Use a spirit level and adjust the surface elevation with Popsticks where required, to ensure it is level. Unframed plywood larger than A4 in size may cup after the resin has cured due to some shrinkage pull.

Step Three

Mix resin, MTB-6628, using equal parts A and B. This is based on volume not weight, making it easy for you, just use a measuring cup.

Step Four

Cut the end off a Giant Popstick. Stir using the flat end to ensure all corners of the container are reached during mixing.

Step Five

Adding Colour: Solid Solutions Dynamic Pigment Pastes – Experiment with adding small scoops on a Popstick. Amounts required will vary depending on the colour of the paste. Stir well. Solid Solutions Dyes can be squeezed directly into the clear resin. The dyes are transparent and the pastes are opaque.

Step Six

Making the art: Pour resin over your surface, make sure not to go to the absolute edge and leave gaps for other colours. This is a fluid process and as you add more resin it will move to the edge of the surface. Despite being level, some resin is always bound to flow off the edge of the panel.

Step Seven

Mix other colours of resin. Combining colours will create different hues. The coloured resin can be poured out in any sequence of colours as a background colour is not required. Keep in mind a little goes a long way. Tip: 1.5 litres of resin will cover 1m² at 2mm thickness. Any extra will cause overflow. Any less will result in thinner layer of resin. For thicker resin, apply multiple layers, ensuring you allow the resin to cure between each coat.

Step Eight

Finishing off: Once finished, run a propane torch or hot air blower over the surface to release air bubbles and smooth out the resin. Allow to dry 24 hours in a dust free area. If any section is not completely coated when dry, apply a clear coat of resin on the surface to seal it in. This top coat will also create more depth of colour.



Step One



Step Two



Step Three



Step Four



Step Five



Step Six



Step Seven



Step Eight

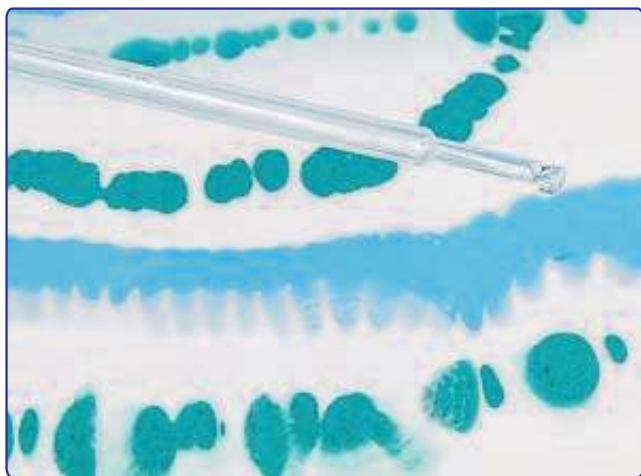
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Notes:

This method is suitable for Years 9-VCE students. Use MTB-6628 To create a unique and amazing resin piece of art. Read all instructions and safety precautions associated with this resin process. When working with resin, wear a mask, gloves, eye protection, tie back hair, and work in a well ventilated area. Make sure you are working on a table covered with plastic sheeting to prevent damage. For best results, raise your canvas or board off the surface using plastic lids, containers, or buckets (depending on the scale of the work). Remember to also support the middle of any stretched canvas to avoid pooling.

Techniques: Resin Art



Pipette

Use a pipette with Art Clean to create interesting flowing reactions to the resin. Hand sanitiser will also react with the resin.



Straw Blowing

Blowing resin with a straw will cause colours to move around. For best results, do this where colours are laid on top of one another or where two colours meet.



Dyes & Popsticks

Dyes can be dropped directly on to areas of resin then dragged with a Popstick to create marbling effects.

Note: they are highly pigmented so only use a minimal amount.



Giant Popstick

Use a Giant Popstick on its side to wipe large areas of the resin around the surface.

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Art Oil

Art Oil makes resin move and expand in irregular cellular shapes.



Satay Stick

For fine, detailed lines, draw into the resin with a Satay Stick. The pointed end will create intricate patterns.

Note: Art Oil may cause pitting in the resin if applied in thick volumes or from a great height. Ensure you fill these areas with resin to create a smooth glass finish. Once cured, wipe back any slimy residue with paper towel (this is just the excess oil coming to the surface and does not cause any harm to your resin art).

Tip:

There are many types of resin on the market. We stock two primary options, which are both epoxy based resins. MTB-6628 is ideal for stretched canvasses and allows for about 45 minutes working time for 100ml of resin (this is preferable when you want to experiment with the method and allow the resin to interact fluidly on the surface). Craft Smart Liquid Gloss will completely harden and allows about 15 minutes working time for 100ml of resin (this is preferable when you want to have more control over your resin art - whilst the resin is still fluid it won't move as much). Both resins come in a range of sizes to suit your needs.

Note:

Curing time fastens for larger volumes as the resin heats itself up. To avoid this, mix up your desired batch size of resin and then distribute into plastic cups before adding your colour, creating smaller volumes of resin, to reduce the temperature and slow down curing time (i.e., giving you more working time).

Tip:

You may use other colourants such as acrylic paint, drawing inks, or mica powder to colour your resin. Be careful not to add too much as it can upset the resin-to-colour ratio and affect the curing process. Try adding a fingernail sized drop per 100ml of resin.

Note: If your resin is sticky after 24 hours, there has been a problem and it will not cure! The possible issues are listed below, but be reassured that you can correct this by applying a clear layer of resin over the surface, ensuring you correct the initial conditions.

- Part A and B need to be mixed in equal parts, otherwise the resin will remain tacky and will not harden.

- Make sure parts A and B have not been contaminated.

- Resin should cure between 20 and 25 degrees celsius for 24 hours (the first 8 hours is most important).

If the temperature is higher than 25 whilst working, the resin will cure at a faster rate giving you less time to work with it, but it will still cure fine. If the temperature drops below 20 degrees during the first 8 hours, your resin will never cure and will always remain tacky.