

## **SOLID CAST 609** **FLEXIBLE GLAZE EPOXY**

609 Decoupage epoxy is a two component epoxy resin system designed to provide a tough, durable and flexible high gloss coating.

609 Decoupage epoxy coating is simply mixed and poured to provide a glass like finish on wood, plaster, marble, photographs, fabrics jewellery and crafts. Also very popular for creating resin artwork.

### **TYPICAL PROPERTIES - APPLICATION AND HANDLING**

Colour Resin (Part A)	Clear Liquid
Colour Hardener (Part B)	Clear Liquid
Mix Ratio	1 to 1 by Volume
Working Time @ 25°C (100 gram mix)	15 to 20 minutes
Cure Time @ 25°C	24 to 36 hours

### **PREPARATION**

Precondition the resin and hardener at 20 to 25°C for 4 hours before use. The resin (Part A) container may be placed in hot water for 10 minutes prior to mixing. This will make a thinner mixture and less bubbles will appear on the object when pouring the epoxy. Be careful not to get any water into the epoxy. Do not heat the hardener.

### **MIXING INSTRUCTIONS**

Measure out equal volumes of parts A and B using a measuring cup or graduated container. Do not try to guess the volumes, this may result in the coating remaining sticky on the surface after curing. Mix using a flat ended spatula or stirrer for about two minutes. Be sure to scrape the sides and bottom of the container. Working time is about 15 to 20 minutes.

### **APPLICATION INSTRUCTIONS**

Make working piece perfectly level. Pour the epoxy immediately from a height of approximately 300 mm. This will aid in breaking bubbles trapped during mixing. A brush may be used to coat difficult items or for touching up sides and crevices. If bubbles are present in the coating film, these may be removed by gently blowing over the surface of the item. Large bubbles may also be broken with a pin. Using a butane flame torch, lightly pass the flame back and forth above the surface and the air bubbles will expand and burst leaving a very flat surface.

### **CURING**

Allow the item that has been coated to cure undisturbed for a minimum of 24 hours at 20 to 25°C. Prevent dust settling on the object before the coating has cured by protecting with a plastic tent.



**Moulding and Casting Materials**  
19 Ardena Crt, East Bentleigh  
PO Box 142, Vic, 3165

Sales: +61 03 9579 2044  
Admin: +61 03 9579 1889  
Fax: +61 03 9579 0573

sales@solidsolutions.com.au  
admin@solidsolutions.com.au  
www.solidsolutions.com.au

British United Industries (Vic) Pty Ltd ATF Byrne Hughes Family Business Trust Trading as Solid Solutions Group ABN 46 977 073 014 ACN 006 303 591

## CLEAN UP

Clean up equipment with Citrus Orange Concentrate or paint thinners whilst still liquid. Cured epoxy may be removed by sanding or using paint stripper. Clean up immediately after use.

## Hints for Applications

Photos, certificates and newspaper clippings:

Mount the article on plywood or craftwood using a photofix adhesive or PVA glue. Allow to dry for a minimum of 4 hours. Seal the article using two coats of a solution of 4 parts water to 1 part PVA. Allow 2-4 hours between seal coats. Allow to dry fully before pouring the Epibond Decoupage Epoxy. When pouring over flat surfaces make sure that the surface is level to enable a uniform coating thickness to be formed.

Craft and ceramics:

Seal the surface using the above sealer solution or a urethane sealer. Pour the Epibond Decoupage' Epoxy from the top of the item using a brush to ensure that all areas are coated. Best results will be achieved if the application and curing is carried out when the humidity is below 50%.

## STORAGE DIRECTIONS

Keep container closed tightly when not in use.

Do not interchange lids between compound and hardener or otherwise contaminate one with the other before mixing for use.

Do not store in conditions of excessive heat or cold.

If separation occurs after prolonged storage stir each component thoroughly before use. Store away from foodstuffs.

## PRECAUTIONS

Avoid contact with skin and eyes. Wear protective gloves and safety glasses when mixing or using. If on skin wash immediately with soap and water, remove contaminated clothing and launder before reuse. If in eyes hold eyelid open and flush with running water for 15 minutes and seek medical attention.

Refer to the material safety data sheet (MSDS) before handling the product. Follow instructions for safe handling.