

# Take DIY PlexiCraft Online Course for Free

“DIY PlexiCraft Kits by Ari Stone Art”  
<https://DIYPlexiCraft.com/Courses>

<https://aristoneart.teachable.com/p/diyplexicraft>

Access Code: DIYPLEXICRAFTLOVE2022 (\$250 VALUE)

**Download PDF file Step by Step Instructions:**  
[www.DIYPlexiCraft.com/Instructions](http://www.DIYPlexiCraft.com/Instructions)

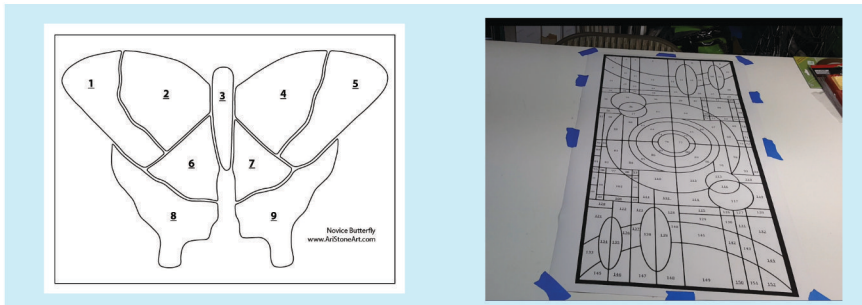
## Tools and Equipment Needed

DIY PlexiCraft Kit \*Blue Indoor Painters Tape \* Spoon \*Bone Folder \*Copper Foil \*Dish Soap  
\*100 Watt Soldering Iron, Iron Temperature Controller, Iron Stand, Sponge \*Toothpicks \*scissors  
\* Flux & Flux Brush \* Solder \* Sal Ammoniac Block \* Paint Brushes & Tray \* surface board  
\*Pebo Vitrail Stained Glass Effect Paints \*Mounting Hardware \* Pliers \* Gloves \* Qtips \* Paper Towels  
\*Spray Paint Mask \*Safety Glasses \*Mineral Spirits \*PlastX \*Novus 1 \*Microfiber Cloths  
\* (optional) “Stained Glass Painting: Create the Look of Stained Glass the Easy Way by Julie Lafaille

# DIY Plexi Craft

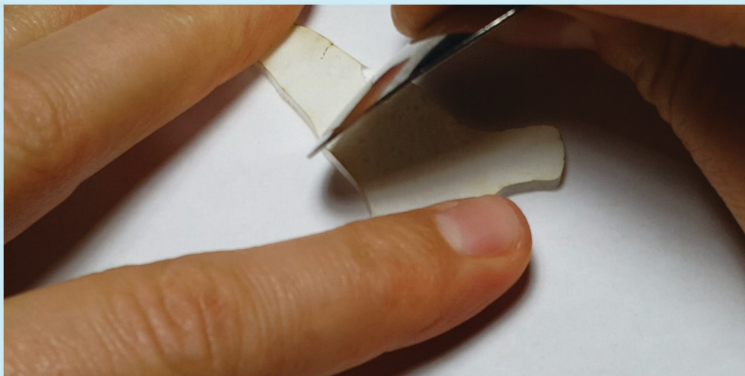
## INSTRUCTIONS

**Step 1** Place Pattern Sheet on smooth clean surface. Tape Tack down large patterns.



**Step 2** Remove Protective Adhesive from both sides of Plexiglass. Use spoon to pick at edges of pieces to get adhesive up, then finger peel off.

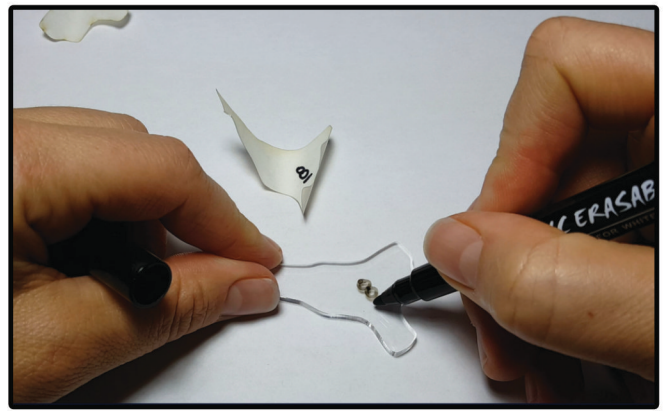
**\*TIP\*** Adhesive loves to stick to itself, so use peeled off adhesive to collect more adhesive and make into a ball or two to throw away.





**Step 3 - Write Piece Number on front of piece after adhesive is removed.**

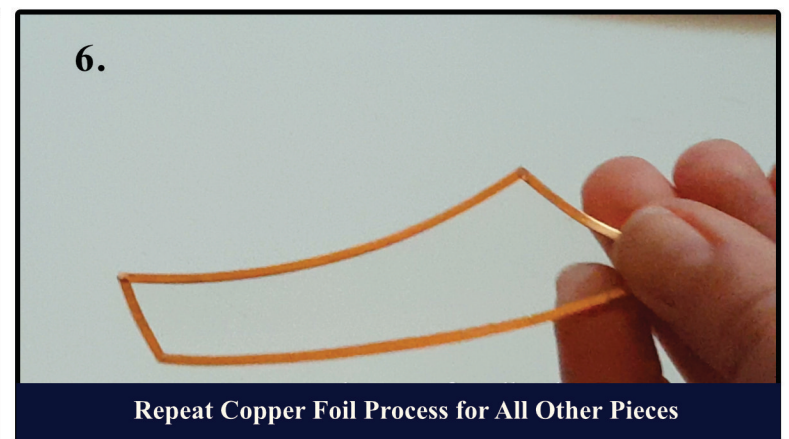
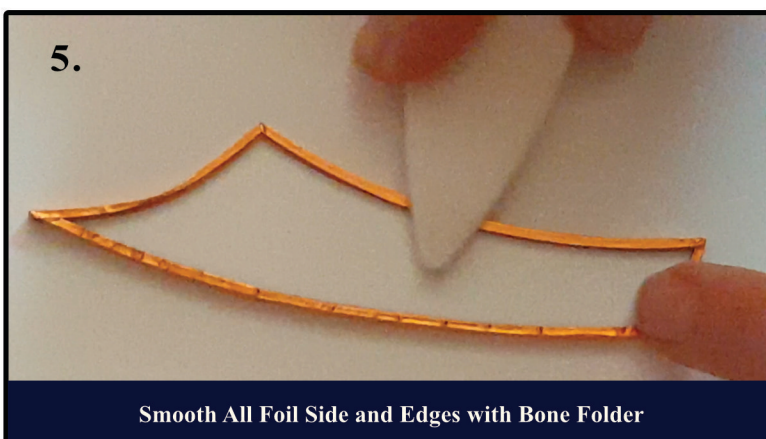
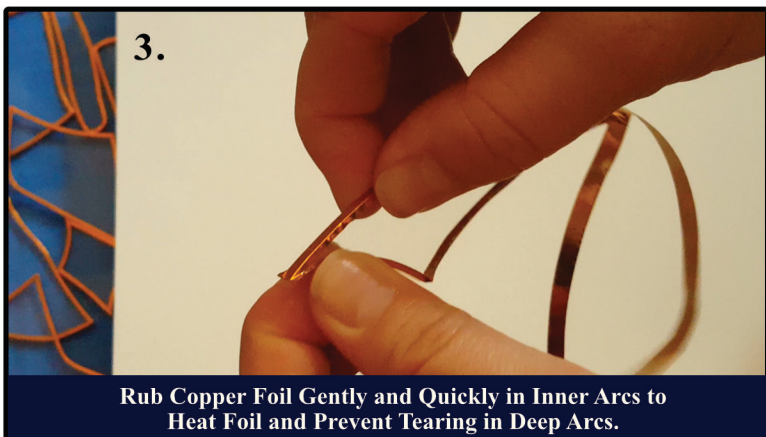
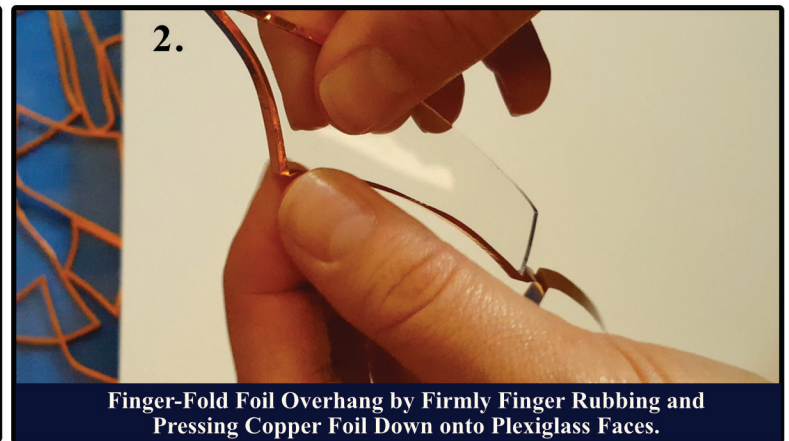
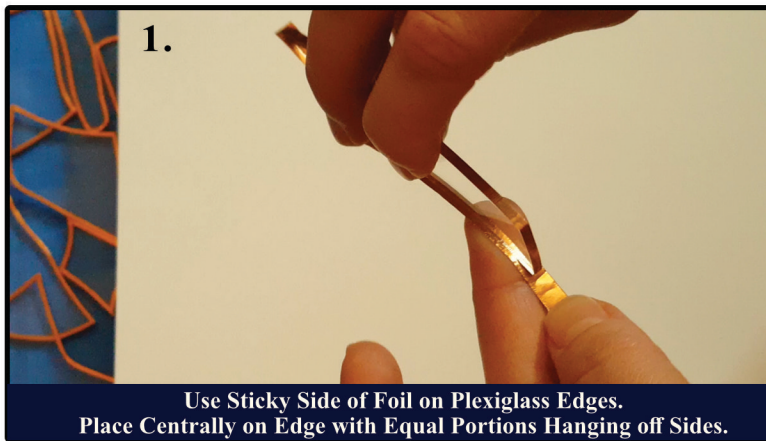
## Foiling



**Step 4** - YouTube video (00:04:48)

**Copper Foil Edges of All Plexiglass Pieces (Just Like Stained Glass)**

\*TIP \* Use .56cm Foil for most Ari Stone Art DIY PlexiCraft Kits - Use .48cm Foil for tiny pieces so they won't get lost under foil and solder





# Tape Tacking

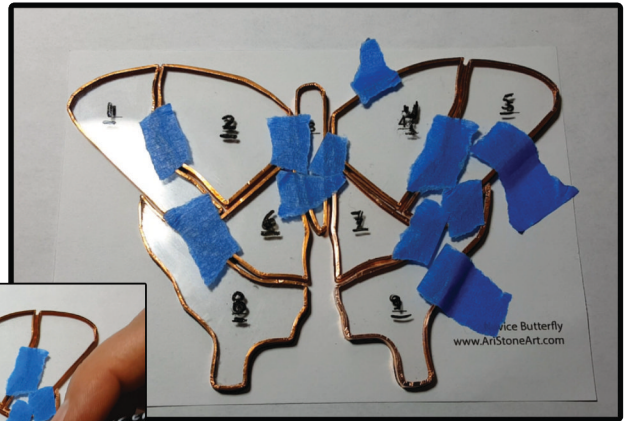
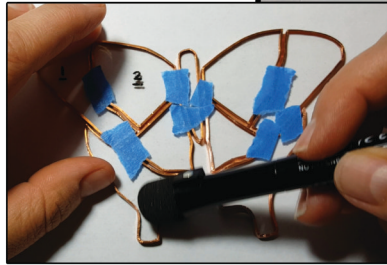
## Step 5

Place copper foiled pieces on the matching pattern number and shape.

Tear off small pieces of blue painters tape and tack pieces in place.

Once Tape Tacked fully together  
Erase Numbers Off Plexiglass pieces

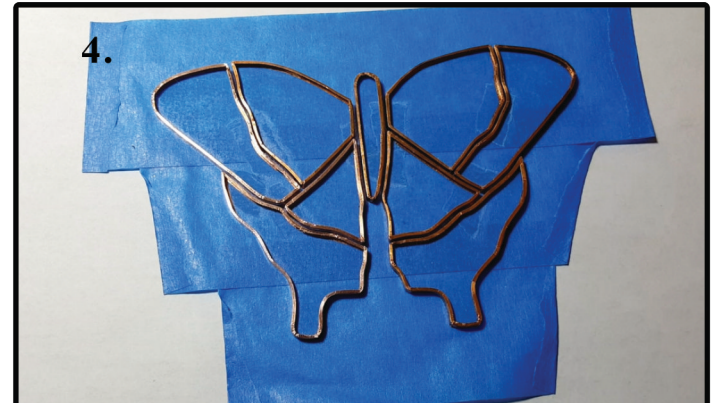
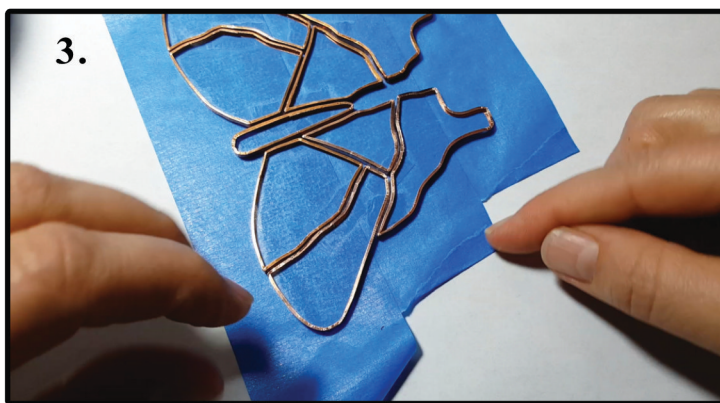
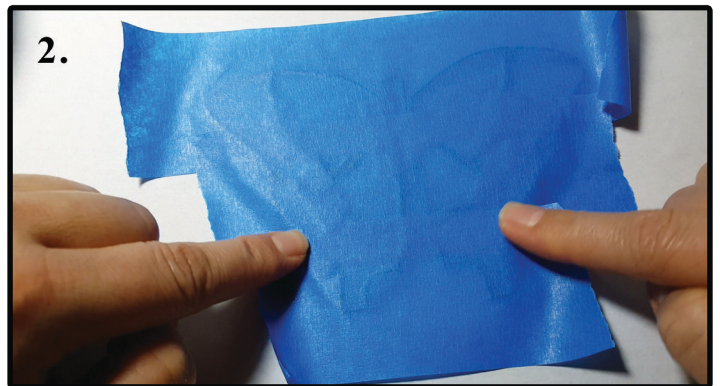
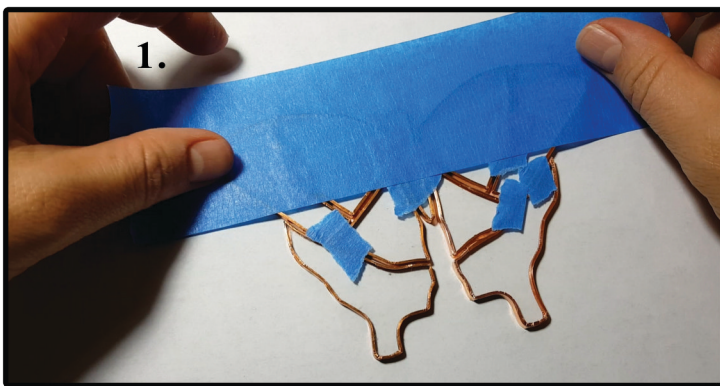
\*TIP\* Do Not use Paper Towels to wipe off Plexiglass they will scratch it.



\*TIP\* Tack some pieces directly to the pattern sheet to hold in place.

## Step 6

Pull off a normal length of painters tape to extend past top and side edges by 1 -3 inches.  
Overlap Painters Tape placing in rows until entire project is covered. Flip over taped project.  
Fold over Blue Painters Tape edges and stick it to itself to prevent tape edge curling. Lift or Nudge adjust any pieces not spaced correctly



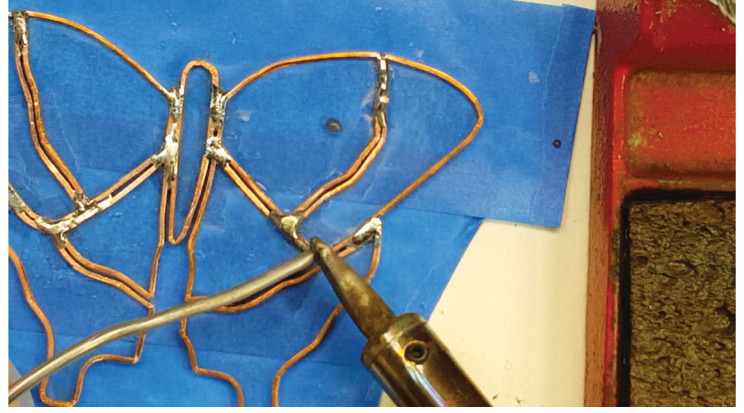
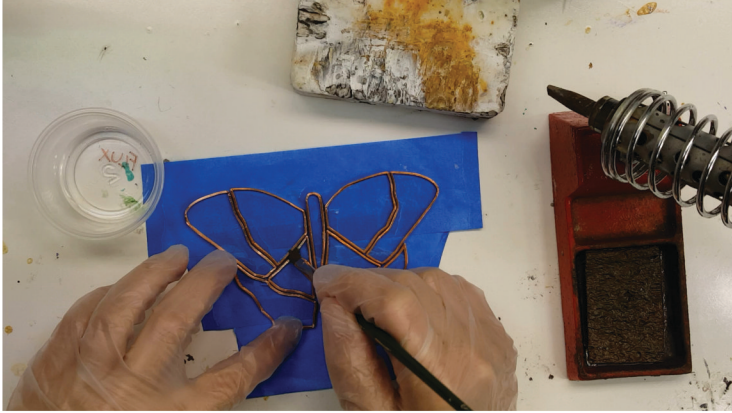


# FLUX & SOLDERING

## Step 7 YouTube video (00:13:45)

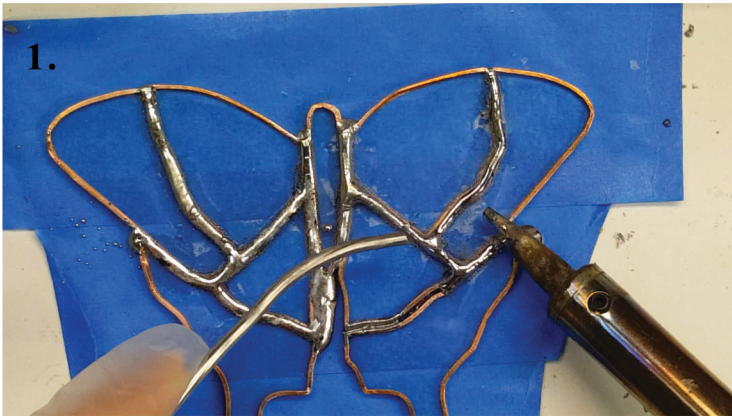
**Flux joints, then Solder tack Fluxed Joints only** to prepare project for full soldering. Use **Studio Pro Flux Only (other fluxes discolor plexiglass)**; use **60/40 Solder of choice**. Wet Iron Sponge with water, use it and salamoniac block periodically to clean iron tip during soldering.

**TIP\*** Work in smaller Sections and alternate between Fluxing & Soldering if assembling a large Kit. Use Heat level 8 with 100watt iron plugged into external temperature control. Wear Vinyl Gloves.



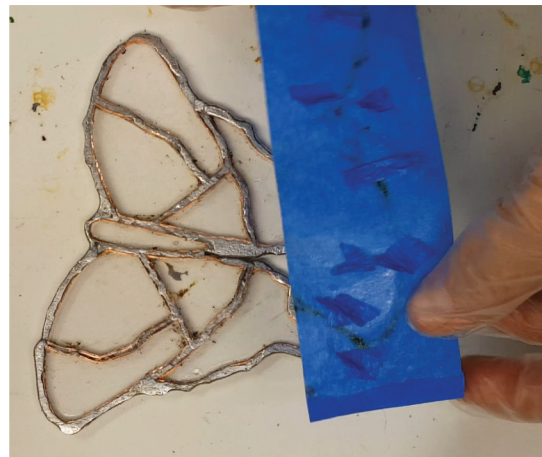
## Step 8

**Flux and Solder all Backside of Pattern. For thick outer edge solder beading - flux and apply solder around all outside edges of project, don't worry about how it looks, this is fixed later.**



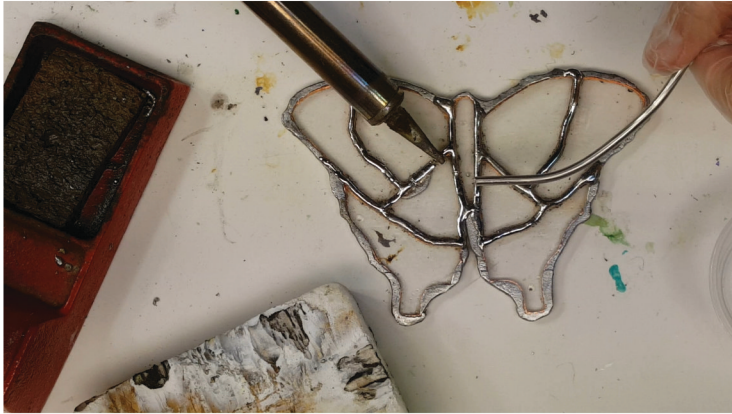
## Step 9

**Remove All Blue Painters Tape.**





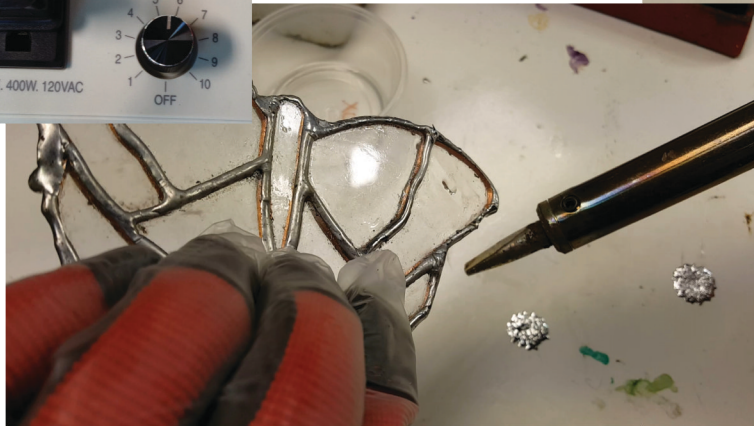
**Step 10 Flux and Solder** frontside of project.



**Step 11 Put on heat resistant glove with vinyl glove over it** for edge bead work. Gloved hand holds hot project.



**Step 12 Set iron heat to level 6. Remove excess solder from edges** by touching iron to solder and letting excess drop off. Hold project vertical. Work extremely slow. Use tip of iron to touch tiny sections of solder to heat and create a round bead on edge, watch and wait for small soldered spot to cool before turning project. Complete all edge beadwork,



**Step 13 Add Jump Rings and Mounting Hardware.** Flux ring and spot to attach at top of project. Use pliers to hold ring. Get fresh solder dob on iron and tap melt into place.



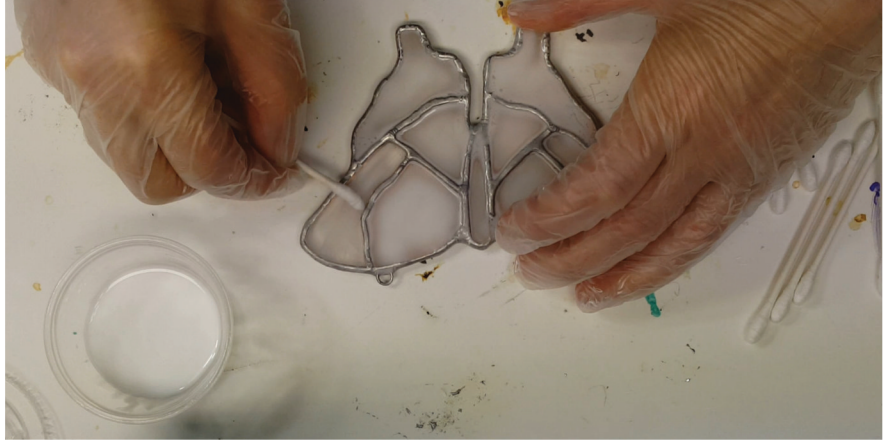


# Cleaning & Painting

**Step 14 Wash Project with Dawn dish soap, lukewarm water, and non-abrasive sponge.** Pat dry only with lint free cloth. Do not rub, that will cause scratches.



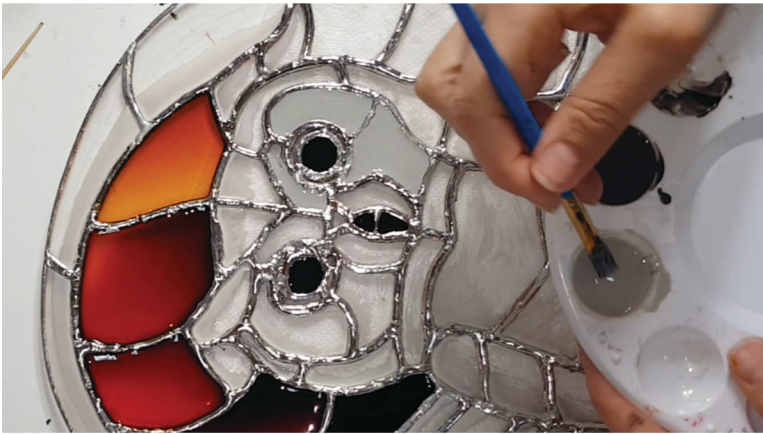
**Step 15 Clean off foil adhesive goo from plexiglass** with Klean Strip Odorless Mineral Spirits and Q-Tips. Wash again with soap and water. Repeat at least three time to get fully clean. NEVER use Rubbing Alcohol on Plexiglass it will ruin it.



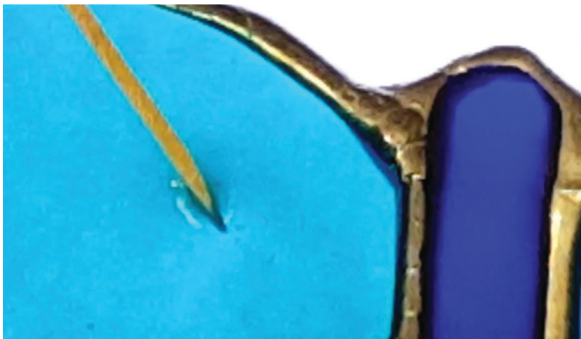
**Step 16** YouTube video (00:25:30)

**Paint with Pebeo Vitrail Stained Glass Effects Paints.**

TIP\* Ensure level surface for paint to dry level inside shape.



**Step 17 - Toothpick remove air bubbles** from paint by using clean toothpick end and touching to air bubble, break toothpick and use clean jagged edge for each air bubble. Use Qtips to clean up spills and make paint corrections by lifting off unwanted paint.





**Step 18** Cover project with cardboard propped above it by one to three inches to protect from dust and debris getting into paint. Let dry at least one week, before buffing and shining to prevent blemishes to paint.



**Step 19** YouTube video (00:33:11)

**Attach Split Rings and Chain (if used in DIY PlexiCraft kit)**



**Step 20** Buff and Shine with Meguiar's PlastX Clear Plastic Cleaner & Polish, applying and removing with lint free non-abrasive microfiber cloth.



**Step 21** Final buff and shine with lint free glasses cloth



**Step 22** General Clean with Novus 1 Polish to repel dust. NEVER use Novus 2 or 3 on Plexiglass, it will scratch it.

**ENJOY "Stunning Stained Glass WITHOUT the Glass" for years to come.**

