Fused Glass Demitasse Spoons

Creative Paradise Inc.

General Materials:

- GM182 Demitasse Spoon Slump
- Fusible Sheet Glass
  (All glass used here is **COE96**)
- Suitable Glass Separator/ZYP
- Kiln Shelf Paper
- Glass Cutting Tools

A demitasse spoon is a delicate spoon, even smaller than a teaspoon, originally designed for use in specialty coffee drinks, ice cream, and sherberts. Create your own unique demitasse spoons with the GM182 Demitasse Spoon Mold and the general instructions in this tutorial!

Image 1

Food Safety and Fused Glass:

Because spoons will typically come into contact with food of some kind, we feel it's wise to begin this tutorial by first talking about the relative food safety of most fusible glass.

Colored fusible glass gets its coloring primarily through the addition of specific chemical compounds. Some of these compounds, while safe to touch, fuse, and otherwise interact with externally, are not safe for consumption. Whenever a glass piece comes in contact with food, especially if that food is hot or liquid, those compounds could possibly leech out and into the food. This is why the majority of glass manufacturers generally recommend that you cap any fused glass projects you intend to have come in contact with food with a layer of clear, as clear glass does not contain these compounds.

Since the fusing process does alter the glass from the initial manufacturer's state, if you intend to sell or otherwise distribute your pieces it becomes your responsibility to determine how food safe they are. A local chemistry lab should be able to test your pieces for you. The primary compounds of concern are Lead and Cadmium.

For more information we recommend looking at Bullseye's Food Safety Document, which you can find by clicking here.

Image 2

Preparing the Mold:

Before adding any glass to the GM182, begin by preparing it thoroughly with suitable glass separator. We recommend spray-on ZYP. **Make sure to always wear a mask if using spray-on separator and/or powder frits**!

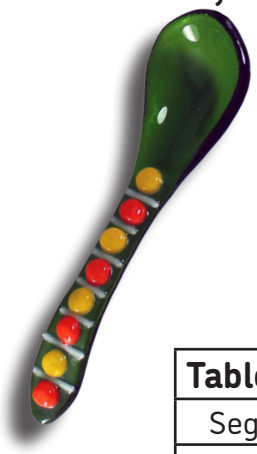
For a video tutorial on applying spray-on separator, please click here.

Double Thickness Spoons:

For double thickness spoons, such as those shown in **Image 1** or the example to the left, begin by cutting two pieces of fusible sheet glass using **Pattern 1** as a guide. Clean and stack the pieces on top of one another onto a suitably sized sheet of Kiln Shelf Paper on a level shelf in the kiln, and fire using the suggested schedule in **Table 1** or your own preferred Full Fuse.

After the spoon blanks are fused and cooled, place them on the GM182 that has already been treated well with glass separator. Place the top edge of each blank roughly 1/32" over the top rim of the bowl portion of the mold, then center the rest of the spoon body over the remainder of the cavity. Once both blanks are in place, move the project to a level shelf in the kiln and Slump using the suggested schedule in **Table 2** or your own favorite Slumping schedule.

Single Layer Single Firing Spoons:



For single layer spoons that only require a single firing such as those seen in **Image 2** or the example to the left, cut a single sheet of fusible glass using **Pattern 1** as a guide. Then add other small pieces of compatible glass to the handles as decoration as desired and place the unfused glass onto the primed GM182. Carefully move the project to a level shelf in the kiln and fire using the suggested One-and-Done schedule in **Table 3**.

Pattern 1

****Make sure to print "Actual Size"/100%!****

Table 1: Full Fuse*

Seg.	Rate	Temp (°F)	Hold
1	275	1215	30
2	50	1250	20
3	275	1465	05
4	9999	950**	60

Table 2: Slump*

Seg.	Rate	Temp (°F)	Hold
1	275	1215	30
2	50	1250	20
3	9999	950**	60

Table 3: One-and-Done*

Seg.	Rate	Temp (°F)	Hold
1	275	1215	45
2	50	1250	15
3	350	1435	05
4	9999	950**	60

*Before firing, it's important to know your kiln to see if you need to adjust our suggested schedules for your use. For tips on how to do that, please click here to see our Important Firing Notes!

**If using COE90, adjust these temperatures to 900°F

For more information, tutorials, and molds, visit our website:
www.creativeparadiseglass.com

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