

Equipment required:

- Crystal OPC
- Cake mixer (i.e., Kitchen Aid)
- K beater head & whisk head attachment
- Electric hand beater
- Additives if required
- Spatula



Prepare:

Note – if you are using a cake mixer or industrial mixer, ensure you use enough base to be thoroughly whipped. During our testing we used a standard cake mixer with a 3.5L capacity bowl and between 800g to 1kg of Crystal OPC. If you do not use enough base, it will stick to the sides and not mix/whip thoroughly.

Ensure you cut the base from top to bottom once removed from the tray. Cut into 4cm to 5cm chunks if cutting, or alternatively scoop out the base into small pieces and add to your mixing vessel. If you do not break the base up prior to mixing, it can result in poor whipping, or even damage to your equipment.

Mix:

Start your mixer slow and begin to increase the speed to its highest setting as the base begins to loosen. Avoid mixing the base on a continually slow setting as this will result in a poorly whipped product.

Once you are 3-4 minutes into whipping the base, reduce the speed of your mixer and gently add your additives (preventing them from overflowing from the vessel). We recommend scraping the base from the sides of the mixer/bowl to ensure the base can be properly whipped.

Recommendations:

Whipping – we recommend whipping the base between 10 and 15 minutes. To make the base smoother, we recommend using a K-beater head for 5/6 minutes and then switching to a whisk mixer head for a further 10 minutes. Due to the variability of Crystal OPC, whipping times can vary depending on the result you look to achieve.

Texture – If you wish to make the base softer/thinner you can add up to 8% water (of the total volume) to achieve your desired texture.

Additives, Colour, Fragrance and Essential Oils - We recommend adding between 2 to 3% of fragrance and/or essential oils (of the total volume) to achieve your desired effect.

Adding exfoliants – If you wish to create an exfoliating product, we recommend adding sugar, salt, poppy seeds or any other commonly available cosmetic exfoliants. Using a 50/50 ratio of Crystal OPC to exfoliant produces a high performing scrub, using anything more the 50/50 will make mixing the product difficult and could result in damage to equipment. Create small batches with varying ratios of exfoliant to meet your desired product texture before creating a larger batch.

What to avoid – We would not recommend adding glycerine as this will result in your base becoming sticky, will make mixing the product difficult and could result in damage to equipment.

****Please note**** – adding anything extra to the base (sugar, fragrance, colour, water etc) will change the formulation and will need to be challenge tested to test the preservation of the product. Exceeding the recommended 2 to 3% of additives could make the base sticky/sloppy or firm up depending on what oils/butters you are using.

Create:

Once the base has been whipped and all the additives are consistently mixed in, decant your base using a spatula/piping bag into chosen packaging.

We recommend for best piping, to use parchment paper inside your piping bag and to use a wide piping nozzle.

The finished product:

Below are examples of finished product created using Crystal OPC Foaming Bath Butter.



This document is our recommended process for using Stephenson Crystal OPC Foaming Bath Butter base to achieve the best possible results. We encourage creativity and experimentation with our bases. However, results may vary if the product is used outside of these guidelines.