

Equipment required:

- Crystal OPC
- Cake mixer (i.e., Kitchen Aid) or electric whisk
- Additives if required
- Spatula
- Container to decant the product into once whipped
- Piping bag & nozzle (if required)

Prepare:

Note – if you are using a cake mixer or industrial mixer, ensure you use enough base. 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 enough to produce a fluffy whipped finished product. We recommend scraping the base from the sides of the mixer/bowl to ensure the base is all fully whipped.

Open the box and begin cutting the base from the top to bottom. Cut the base into 4cm to 5cm chunks and add to your mixing vessel. If you do not cut the base into small chunks, it can result in poor whipping, or even breaking your equipment.

Mix:

Begin mixing the Crystal OPC – 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).

Recommendations:

We recommend adding up to 2-3% exfoliants, fragrance, essential oils, and butters. **Please note** adding anything to the base will change the formulation and could change the consistency of your finished product or result in the base splitting.

T: +44 (0) 113 205 0900

Registered in England No. 68499 Registered Office:

Brookfoot House, Low Lane, Horsforth, Leeds LS18 5PU, UK

www.stephensonpersonalcare.com

hello@stephensonpersonalcare.co.uk



Whipping – we recommend whipping the base between 10 and 15 minutes.

To make the base extra fluffy and smooth, we recommend using a whisk mixer head for 5/6 minutes and then switching to a K beater head for a further 5/6 minutes.

Texture – If you wish to make the base softer you can add up to 8% water to achieve your desired texture.

Additives, Colour, Fragrance and Essential Oils - We recommend adding between 2 to 3% fragrance and/or essential oils. ****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 result in the base becoming sticky/sloppy or firming up depending on what oils/butters you are using.

Adding exfoliants – 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

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.

This document is our recommended process for using Stephenson Crystal OPC Foaming Bath Butter base to achieve the best possible results. Results may vary if the product is used outside of these guidelines.

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