

SHERAprint-gingiva

INSTRUCTIONS FOR USE

Description

SHERAprint-gingiva is a light-curing acrylate resin used to manufacture individual 3D-printed gingival masks. It is suitable for all shapes of gingival mask. SHERAprint-gingiva can be used in all 3D printers using the DLP process with a 405 nm LED or 385 nm UV-LED.

Notes

The product has been developed for dental purposes and must be used in accordance with the instructions. The manufacturer accepts no liability for damages resulting from any other use. In addition, the user is obliged of their own accord to check the product before use to ensure it is suitable for and applicable to the intended purposes, especially if these are not listed in the instructions.

Warning and safety notices

Inhalation

Avoid inhalation of vapours: ensure adequate ventilation.

PPE

Avoid touching the uncured material: wear protective gloves, clothing and goggles.

Skin contact

If the product comes into contact with the skin, wash with copious water and soap. Remove soiled clothing and wash before reuse. In case of skin irritation or rashes, seek medical advice.

Eye contact

After contact with the eye, rinse for several minutes under running water holding the eyelid open. If eye irritation continues, seek medical advice.

Environmental protection

Unpolymerised material is harmful to nature; avoid releasing it into the environment.

Danger notices

H315	Causes skin irritation
H319	Causes severe eye irritation
H317	Can cause allergic skin reactions
H411	Poisonous to aquatic organisms, with long-term effect

Danger pictograms:



GHS07



GHS09

You can find information on the use of the product in the safety data sheet, available at www.shera.de.

Storage information / shelf life

Keep the product in a dry, dark place in its original packaging at room temperature (between 4 °C and 25 °C). Even low levels of light can lead to polymerisation. After use, seal the packaging tightly again. When the expiration date has passed, the ease of handling and product characteristics of the material can no

longer be guaranteed. The expiration date is printed on the label.

Disposal information

In polymerised form, SHERAprint-gingiva is not hazardous for the environment. Liquid leftovers are to be handed over at waste collection points or disposed of in accordance with local regulations. Do not let them enter the drains / surface water / groundwater.

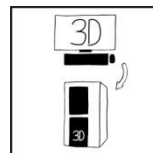
Processing SHERAprint-gingiva

Mixing:



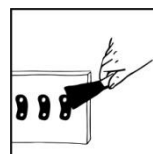
Shake the product in its original packaging for at least five minutes. Stir the material thoroughly in its original tub using a spatula.

Construction process:



Use CAD software for data processing and creation of the support structure. Create a print job while observing machine and material parameters. Then, start the construction process (see printer manual).

Removal of the construction platform:



Remove completed objects and any polymerised residue from the construction platform with a spatula.

SHERAprint-wash:



Clean the printed objects in the automatic cleaner unit SHERAprint-wash. Select the cleaning parameters to suit the material. Carefully remove any residual cleaning fluid with pressurised air.

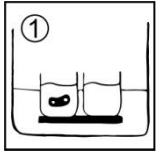


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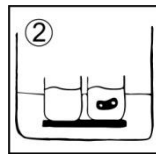
Alternative ultrasound cleaning method:

1st step:



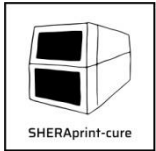
Clean the printed objects in an ultrasound bath in a separate container using SHERAultra-p for a maximum of three minutes. Carefully brush out any openings, perforations and crevices with a soft toothbrush.

2nd step:



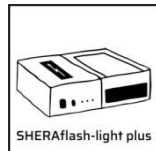
Clean the printed objects in an ultrasound bath in a separate container using fresh SHERAultra-p for a maximum of three minutes (total time not more than 10 minutes!). Dry the components carefully with pressurised air.

SHERAprint-cure:



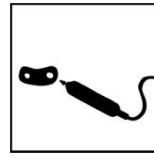
Cure the cleaned printed items in the SHERAprint-cure. Select the light post-exposure parameters to suit the material.

Alternative post-exposure treatment using xenon light curing device:



Post-exposure of the printed objects using a xenon light curing device with 2 x 2000 flashes (such as SHERAflash-light plus) in an inert gas atmosphere (nitrogen).

Completion:



Remove all support structures. Subsequent processing is as per standard methods using dental tools.

Scope of delivery

The SHERAprint-gingiva product is available in the following pack sizes:
500 g

Guarantee

SHERA Werkstoff-Technologie GmbH & Co. KG is certified to DIN EN ISO 13485 and guarantees flawless quality in its products on the basis of its stringent quality assurance system. Our user recommendations are based on the so-called benchmark values determined in our test laboratory. These values can only be guaranteed if the process stages shown are kept to. The user is responsible for processing the product. No liability is accepted for faulty results as SHERA has no influence on further processing. Any claims nevertheless resulting relate exclusively to the value of the product we have supplied.

