

Instructions for use & technical data

Obsidian Magic Black



technical data **printing date: 20.10.2017**

manufacturer: Whitepeaks Dental Solutions GmbH & Co. KG
Langeheide 9 - 45239 Essen - Germany

Product type: „Obsidian Magic Black“ is a colouring liquid for zirconia ceramics – before sintering

- black magic - colours zirconium obsidian-black
- colouring liquid for colouring zirconium before sintering
- scope of application: jewelry making and hobby

product form:

colouring liquid for staining of pre-sintered zirconium dioxide

instructions for use

safety advice

while using this product, personal safety measures are necessary
wear **protective goggles** and **protective gloves**
do not eat, drink or smoke while using the colouring liquids
make sure to be in a well ventilated area while staining and drying the restorations

first Aid

eye contact: rinse open eye for several minutes under running water. If symptoms persist, consult a physician
skin contact: rinse thoroughly with water and soap
swallow: do not induce vomiting. Rinse mouth thoroughly with water
after inhalation: supply fresh air, consult physician
more details: if irritations occurs or persist, consult physician
emergency information: poison emergency hotline – Berlin: 24hrs phone +49-30-19240

preparing

"Obsidian Magic Black" was developed for "Copran Zri" standard translucent zirconium blanks.
Accordingly, the darkest colouring results are obtained with this material.
The use of high translucent zirconium (e.g., "CupraSmile") is possible, but can lead to less intense results.
The milled object should be dry, finished and free of any dust

dipping technique:

Dry the object under an infrared lamp or by using a porcelain furnace with a short drying program
Make sure the object is completely dry. Ensure that the liquid container is properly closed and shake for a few seconds to ensure that no elements are sedimented. Now immerse the object completely in the colouring liquid for approx. 45 seconds. The intensity of the staining can be enhanced by an extended dipping time or by a further dipping process after prior drying. Remove the object and brush away the remaining liquid with a moistened brush, by blowing with oil-free air or by drying with pulp or a cotton swab. Close the container of the colouring liquid tightly. If an object is too big for the original container, pour the color liquid into a clean glass jar and stain the object in there. Clean the container thoroughly with water and detergent.

sintering:

Dry the object and then sinter it, as indicated in the instructions for use of the zirconium manufacturer.
Do not sinter "Obsidian Magic Black" in the same sintering furnace together with dental restorations.
"Obsidian Magic Black" is very intense and could affect the color of other zirconium objects.
After each use of "Obsidian Magic Black", the sintering furnace should be cleaned by using a cleaning program.

ATTENTION! „Obsidian Magic Black“ is **no medical device!**
Run cleaning cycle of the furnace after each use.