

Instruction for use Preventive sand Monoflow

Preventive sand Monoflow is a preparation that effectively removes impurities from the tooth surface caused by: plaque, subgingival tartar, coffee, tea, nicotine deposits. Monoflow preparation in combination with water and compressed air creates a stream that cleans the enamel surface abrasively. In order to prevent periodontal diseases, preventive sandblasting is a very effective method to remove discolouration and bacterial plaque and whitening of hard to reach surfaces. The effect of sand as an abrasive is safe for the tooth structure. After the treatment, the tooth surfaces are uniformly clean and bacteria-free thanks to soda bicarbonate (SoBiCA), which has an antibacterial and whitening effect.

Preventive sand Monoflow is used in preventive sandblasting machines and can be used in all their types. Before filling the sandblasting cup with MonoFlow sand, it should be shaken. Then pour a portion of sand into the sandblasting cup in such a quantity that it does not fill more than 1/3 of the volume and does not cover the inlet holes in nozzles. Water, air and sand are mixed in the cup.

Main technical parameters of sand and water mixture

Water pressure 0.0-3.0 bar (0-3000 hPa)

Air pressure 2.3-3.2 bar (2300-3200 hPa)

Operating water consumption \geq 30 ml/min

Abrasive wear during operation – 2-3 g/min

Cleaning of the tooth surface should be carried out at a distance of 3-5 mm from the surface. The stream of preventive sand should form an angle of 30-60 degrees with the tooth surface. Abrasive stream should be directed exclusively at the tooth surface, never at soft tissues. Preventative sand requires the use of suction device to extract the sand and water mixture from the patient's mouth and individual precautions: rubber gloves, masks, glasses and protective clothing.

Composition of MonoFlow preparation:

Sodium bicarbonate NaHCO₃ Concentration in the product of 97%

Application – abrasive agent, fine particles cleaning the tooth surface.

Sodium saccharate Concentration in the product of 3%

Application – flavor component, sweet taste.

Aromatic substance Concentration in the product of 1%

Application – fragrance component, mint, lemon, currant, raspberry, orange

Hydrophobic silica Concentration in the product of 0.6%

Application – hydrophilic element prevents moisture absorption and sand clumping.

The product is intended for use by dentists and dental hygienists.

Potential health effects – No special risks if used in accordance with the instructions. In case of contact with eyes, rinse immediately with running water and contact an ophthalmologist. Keep out of children's reach. It must be stored only in the original packaging. Thoroughly close the product after each use. Keep product tightly closed. It must be stored in a dry place. Keep away from food, drink and pet food. There are no special regulations in compliance with safety and hygiene regulations. Do not eat, drink or smoke while using the product. In case of contact with skin, rinse immediately with running water and soap.

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