



Made in Germany

For professional use only. Caution: Federal (U.S.A.) Law restricts this device to sale by or on the order of a dentist.

Synca Marketing Inc. 337 Marion, Le Gardeur, QC, Canada, J5Z 4W8

Product Description

SuperFiT!® impression materials are addition-curing, elastomeric materials with super hydrophilic properties, high tear strength, dimensional accuracy, and a high resistance to permanent deformation. The SuperFiT!® product line consists of soft putty (SuperFiT!® Soft Putty), available in 1:1 jars of 700g; heavy (SuperFiT!® Heavy), medium (SuperFiT!® Medium), light (SuperFiT!® Light), available in 1:1 automix cartridges of 50ml.

Indications/Techniques

SuperFiT!® Soft Putty is to be used as a preliminary material for:

- Two-step putty-wash impression technique
• One-step putty-wash impression technique
• One-step putty impression technique for forming functional peripheries

SuperFiT!® Heavy, SuperFiT!® Medium & SuperFiT!® Light are to be used as impression materials for:

- One-step impression technique using a foil (plastic putty spacer)
• One-step impression technique (simultaneous technique) using dual viscosities
• Reline impressions
• Fabricating full or partial dentures

SuperFiT!® Light is to be used as a syringeable impression material for:

- Two-step putty-wash impression technique
• One-step putty-wash impression technique

Warnings

- Do not use SuperFiT!® impression materials as a temporary reliner.
• Do not use SuperFiT!® impression materials with condensation-curing silicones, polyether, Vinylsiloxanether® or polysulfide materials.
• SuperFiT!® Soft Putty impression materials are not suitable for detailed impressions when used alone.

Cautions

- Do not use after expiration date.
• Do not leave any residual impression material in the sulcus or oral cavity.
• Do not swallow impression material! If swallowed: consult a medical doctor if problems arise or persist.
• Avoid contact with eyes. If accidental contact with the eyes occurs, rinse immediately and thoroughly with an eye wash or water. Consult a medical doctor if problems arise or persist.
• The product does not normally cause allergic reactions. However, for sensitive persons, an allergic reaction to the product cannot be ruled out.

Super Hydrophilic Vinyl Polysiloxane Impression Material

- Use of products containing active sulfur, aluminium chloride or nitrogen compounds (retraction cords containing ferric sulfate, polysulfide impression materials, etc.) in conjunction with this product will interfere with the setting reaction of the vinyl polysiloxane material. Use of the materials requires the area to be rinsed thoroughly to remove all residue, before an impression is taken. Do not use latex gloves.
• Do not interchange the base and catalyst lids or scoops for hand-mixed jar putty.
• In order to ensure an optimal adhesion of the two materials during the two-step putty-wash impression technique, both impression steps must take place one immediately after the other.
• When taking impressions of areas with severe undercuts and wide interdental spaces, use standard block-out techniques.
• When using a custom impression tray, ensure that sufficient space remains between the side of the tray and the teeth/jaw.
• Do not allow the material to enter the sewer or water system to avoid environmental contamination.
• Avoid contact with clothing, since the material cannot be removed by dry cleaning.

Note

To ensure optimal impressions, the temperature of the material should not be above 25°C (78°F) before applying. Otherwise, working and setting times will be affected.

Impression tray: Preparation and adhesives

In principle, all common impression trays can be used if a relevant dynamic pressure is guaranteed. When retention is not sufficient, ensure a strong bond to the impression material, by brushing the impression tray with a thin film of adhesive for addition-curing silicone prior to loading the tray with impression material. Allow to dry per manufacturer's instructions.

Instructions for use: Jar material for hand-mix putty preparation

- Only use materials with the same lot number.
• Do not interchange the base and catalyst lids or scoops.
• Use the scoops to dispense equal amounts of base and catalyst paste.

Technical Data

Table with 8 columns: Product name, Mixing ratio, Mixing time, Working time, Intraoral setting time, Total setting time, Shore A-hardness after 24h, Elastic deformation (%). Rows include SuperFiT!® Soft Putty, SuperFiT!® Heavy, SuperFiT!® Medium, and SuperFiT!® Light.

Instructions for Use

- The different color scoops must only be used for the materials with corresponding colors.
• Close the containers carefully after use, and ensure that the lids are not interchanged.
• Contamination of base paste with catalyst paste in the container renders the material unusable.
• Knead the base paste and catalyst paste for 30 to 45 seconds until the material is homogeneously colored.
• Should gloves be worn, test them for compatibility prior to mixing with a sample of the material to be mixed. Certain types of gloves (such as latex) can prevent the polymerization. Using vinyl gloves is recommended.

Cartridge material for use in dispensing gun DS-50 1:1/2:1

- Insert the cartridge into the dispensing gun DS-50 1:1/2:1. Ensure that the notches on the cartridge base are pointing down. The clasp will not close if the cartridge is not properly inserted into the dispensing gun.
• Remove the cartridge cap. The cap can be replaced after initial use.
• Insert plunger into cartridge and dispense a small amount of impression material until equal amounts are dispensed at the same rate.
• Install a mixing tip on the cartridge, and turn cap 90 degrees clockwise to lock in place.
• Inject the required amount of material, directly into the tray or the preliminary impression, or into a delivery syringe. To apply the material around the prepared teeth, use the delivery syringe or the cartridge with an intraoral tip on the mixer. Check to ensure materials are set prior to mouth removal.
• Leave used mixing tip on the cartridge after use or replace the cartridge cap.
• Before using the cartridge again, remove cartridge cap or remove and discard the used mixing tip.
• Check the cartridge openings to ensure no polymerized material is present. Should this be the case, unblock the openings and dispense a small amount of impression material until equal amounts are dispensed at the same rate.
• Install a new mixing tip and continue as described above.
• The dispensing gun DS-50 1:1/2:1 can be sterilized in the autoclave.



1-800-667-9622 www.synca.com

Storage conditions

Store in a dry place at or below 25°C (78°F). Keep away from sunlight.

Disinfection

Impressions can be disinfected using for example, a 2% acidic glutaraldehyde solution. Use disinfection solutions specific for impression materials (e.g., Silosept®). See manufacturer instructions.

Electroplating

Impressions may be silver-plated with an alkalineplating solution only.

Model Pouring

For model fabrication, the impression can be poured immediately after disinfection. Impressions can also be poured within two weeks with standard dental stone class IV (e.g., Tewestone® or Tewelock®).

Limitation of liability

Except where prohibited by law, Synca Marketing Inc. will not be liable for any loss or damage arising from this product, whether direct, indirect, special, incidental or consequential, regardless of the theory asserted, including warranty, contract, negligence, or strict liability.

The information provided for SuperFiT!® products is based on comprehensive research and experience in application technology. Results are furnished to the best of our knowledge, subject to technical changes within the framework of product development. However, users must comply with and consider all recommendations and information in connection with any use.