

INSTRUCTIONS FOR USE:**Please observe the following procedures when using the 4ml syringe:**

1. Prior to placing the mixing tip, observe the level of TempSpan® material in the adjoining orifices.
2. If the level is not the same in both orifices, bleed excess material from the syringe until both sides flow evenly. The mixing tip can now be safely placed on the syringe.
3. To stop flow of the material through the mixing tip orifice, do not re-tract the plunger, as this may pull mixed material back into either side of the syringe and cause it to plug up. Instead, remove and then replace the mixing tip from the syringe end. This action will relieve pressure inside the mixing tip and stop the excess material from exuding.

Precautions

1. Store this material in a cool, dry place at a temperature of less than 72°F. **Refrigeration is highly recommended.**
2. During warm weather months, refrigerate *TempSpan* material. Warm temperatures will rapidly accelerate the setting process of this material and will shorten the shelf life.
3. If doing bridges in excess of 4 units, it is recommended that you extend the working time of *TempSpan* material by keeping the material refrigerated prior to use.

Creating the Provisional Restoration

1. Prior to extracting or preparing the tooth, take a primary impression using an alginate or silicone impression material. Alternatively, you can fabricate a clear plastic vacuum formed stent from the study model.
2. Prepare or extract the tooth.
3. The final impression can be taken at this time.
4. After the final impression, dry the prepared teeth and abutments. Lightly lubricate the abutments and surrounding tissues.
5. Air dry the primary impression. Extrude a small amount of material out of the tip and dispense *TempSpan* material into the primary impression or the clear plastic stent by applying even pressure to the automix syringe plunger or to the dispenser trigger. Begin placing *TempSpan* material at the bottom of the impression or stent and work upwards. Keep the mixing tip immersed in the material while you are dispensing to eliminate air bubbles. You have up to 40 seconds (Note: Please check individual batch report of material's working time) of dispensing time.
6. Seat the primary impression or the stent over the preparation site using steady, even pressure. *TempSpan* material can be manipulated in the mouth for up to 20 seconds. After that, *TempSpan* material will begin to enter its gel stage. Hold the impression/stent firmly in place.
7. "Tease" the provisional crown or bridge from the prepared teeth after a period of 45 seconds to be sure you are not locked into any undercuts. *TempSpan* material should be removed from the mouth with the impression after approximately 1:30-1:45 minutes from insertion. *TempSpan* material should also be monitored intraorally to assure that the provisional material is removed while it is in a hardened but elastic state. This will allow the provisional to be removed without any permanent distortion or breakage occurring. You may trim or cut excess *TempSpan* material with scissors or a knife at this stage. Alternatively, if you are using a clear impression material, you can light initiate *TempSpan* material by light curing the center of the provisional for 20 seconds. Light initiating *TempSpan* material will reduce the oxygen inhibition smear layer.
8. Allow the provisional to complete the setting process outside the mouth for 2 minutes. For a quicker setting time, light cure the provisional twenty seconds per section. The provisional may also be placed in a cup of hot water least 30 seconds. The material will be set after this time.
9. Remove the material from the primary impression or stent.
10. Clean off the oxygen inhibition smear layer on the surface of the provisional by wiping it with ethyl or isopropal alcohol. Light initiating *TempSpan* material will reduce the oxygen inhibition smear layer.
11. If you choose to take your final impression at this time, make sure to clean the preparation site thoroughly with ethyl alcohol and pumice to remove the oxygen inhibition layer. Failure to do so will prevent the setting of your wash material.
12. If you choose to reline your primary silicone impression for use as a final impression, wipe the inner surfaces of the impression with ethyl alcohol to remove any smear layer prior to relieving the impression.
13. Trimming and finishing the provisional can be accomplished using burs and discs on thin margins. Adjust occlusion and embrasures in the mouth using finishing burs. Polish with conventional materials.
14. Use *TempSpan* CMT Temporary Cement or other non-eugenol temporary cement in placing the finished crown or bridge in the mouth.
15. When using a polycarbonate crown form, it is recommended that a thin layer of methyl methacrylate be brushed on the inner surface of the crown and air dried for better adhesion.

Guidelines for Repairs

1. Roughen the break area with a bur and a few undercuts to adjacent sections.
2. Place a fresh mix of *TempSpan* material over the open or broken area and hold the pieces together for at least 60 seconds.
3. Allow the repaired provisional to cure for 3 minutes or light cure for 20 seconds per section.
4. Remove or trim any excess material with a rotary instrument or bur.

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