



For Instant...

- Temporaries
- Multi-use bite registrations
- Replication of any original dentition or occlusal anatomy into wax, acrylic, composite or porcelain
- Light-cure composite directly through *TranSil*

Light-Cure Composite Directly Through TranSil



Allows light-curing of composites in perfect form . Anerobic curing provides smoother, denser restoration surface.

DVA dental ventures of america, inc.

800.228.6696 951.270.0606
www.dentalventures.com

“TranSil”

TRANSPARENT MATRIX MATERIAL

TranSil is a quick-setting, two-part, transparent silicone (vinyl polysiloxane with high final hardness) material designed to be automatically mixed & expressed from a dispensing instrument normally used for impression materials.



Its unique clear character offers opportunities to simplify many clinical and laboratory procedures.

As one studies the enclosed photographs, extrapolate from them to visualize all of the differing materials and procedures that might be available with the use of **TranSil**.



(Figure 1)

For example, think of the benefits of **TranSil**'s translucency in fabricating perfect temporaries directly, or on a model with the elimination of several steps that are now required.

Molding one, quick matrix on the bucco-labial and occlusal surfaces (with only a slight amount on the lingual) can serve to . . .

. . . quickly and efficiently fabricate a temporary (any composite can be easily cured directly through **TranSil**). **TranSil**'s clear character can ensure that any acrylic is 'packed thoroughly' and is completely filling the mold prior to curing. (Figure 1)

Note: Curing composites in an anerobic atmosphere eliminates the dispersion layer and results in a denser, smoother surface that is easier to polish.

- . . . provide an extremely accurate bite-registration. Improper bite relationships can be readily seen and realigned. The original bite registration, because of its clear nature, can subsequently be utilized in the laboratory for simplifying many procedures.



(Figure 2)

... quickly replicate any original crown form into either wax, acrylic, composite, porcelain or other modeling material. The original tooth on the left was totally duplicated in four minutes. (Figure 2)

... any tooth or other dentition segment can be replicated in minutes.

(Figure 3 & 3A)



(Figure 3)



(Figure 3A)



(Figure 4)

... provide an opportunity to reproduce and transfer the original shape and occlusal anatomy of a patient's teeth into either wax, composite or porcelain. Note how such a form can be utilized to view exactly how much space is provided for the final restoration. (Figure 4)

Simply simplify your staff's daily challenges.

We offer some of the following snapshots and minimal instructions as a stimulus to build a springboard of ideas as to how **TranSil** can serve to **simplify your day**.

FABRICATION OF TEMPORARY RESTORATIONS – The utilization of TranSil greatly simplifies the fabrication of Bite Registrations as well as Temporary Restorations.

INSTRUCTIONS FOR USE

Clinical Procedures

1. Apply **TranSil** to the working area to fabricate a matrix to serve as both the negative registration for the fabrication of the temporary and as the bite-registration as well. Note the ability the clear material allows for the easy, guidance into a correct inter-arch relationship.

NOTE: *This clear, negative duplication can be utilized for many applications. Naturally, the character of TranSil allows both the simple curing of any composite form directly through the clear form, and serves to ensure that the material utilized is thoroughly filling the mold's anatomical form.*

2. Prepare the crown or abutment teeth.
3. Fill the **TranSil** form with the temporary material and re-position on the arch. If an “opening” in the **TranSil** was left in the lingual area, any additional temporary material can be forced through the space until the bucco-lingual and occlusal areas are totally filled. If composite; cure through the **TranSil**.
4. Trim any areas as necessary,

Indirect & Laboratory Procedures

- I. Temporary Restorations
 1. Apply **TranSil** to the areas to be replicated for the temporary (or other type of application).
 2. Complete the temporary as above.
- II. Replicating Patient's Original Anatomy
 1. Cut/trim matrix to replicate patients normal, pre-opt occlusion form.(See Fig. 4)

(If necessary, adhere trimmed **TranSil** segment to the opposing arch with DVA's water-soluble Tac-Gel. Which is included in all assortments of **TranSil**). (Fig. 5)

2. Prepare and add porcelain in preparation of receiving occlusal build-up; Apply DVA's Very Special Separator to **TranSil** matrix, add occlusal porcelain and close articulator.
3. Carefully remove **TranSil** Matrix from porcelain build-up.
4. Fill buccal/lingual and axial contours and fire porcelain
5. Replace restoration on model and if necessary, re-using the matrix, add additional fine-tuning porcelain and re-fire.



(Figure 5)

NOTE: A simple variation on the procedure above can be used for all wax patterns, or for any layered or press-able pattern designs.



TranSil Assortment

Contents:

- Cartridge Sets (50 ml)(1)**
- Syringe Tips (5)**
- Tac-Gel 'Quick Syringe' (2 grms)**
- Compo-Brite (5 grms)**
- Bristle Brushes (5)**

TranSil Assortment

TS/ASSORT	\$35.00
TS/ASSORT-FIRM	\$35.00



TranSil
Re-Order Package

Content:

- Cartridge Sets (50 ml) (2)**
- Syringe Tips (10)**
- Bristle Brushes (5)**

TranSil Re-Order

TS//REORDER	\$40.00
TS//REORDER-FIRM	\$40.00



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