trūsana™
Premium 3D Printing Resin

Manufactured by:
Myerson Company Limited
3 Trinity Avenue
Laventille, Trinidad & Tobago

Distributed by:
Myerson LLC
5106 North Ravenswood
Chicago, IL 60640-2713
United States
myersontooth.com
800.423.2683

INSTRUCTIONS FOR USE

FOR PROFESSIONAL USE ONLY

INTENDED USE
Resin to 3D print denture teeth for use in making removable dentures or overdentures.

MD	**Medical Device**
℞ ONLY	**Prescription only**
	Read SDS and IFU before use
	Wear appropriate PPE when handling product
	Roll or shake vigorously before use
	Light Sensitive. Keep away from direct or ambient light and sources of heat
>100°C	**Combustible liquid. Flash point greater than 100°C**
23°C / 25°C	**Store between 23-25°C in a cool, dry place**
	Securely reseal container after each use

WARNINGS AND PRECAUTIONS
Use in a well-ventilated area. Avoid contact with eyes, skin and clothing. Wash face, hands and any exposed skin thoroughly after handling. Do not ingest. Call poison control for emergencies.

If on skin: May cause an allergic skin reaction. Toxic in contact with skin. Gently wash with soap and water. Take off contaminated clothing and wash before reuse. If skin irritation or rash occurs, discontinue use and get medical attention.

If inhaled: Harmful if swallowed or if inhaled. May cause respiratory irritation. If breathing is difficult, move to fresh air and keep at rest in a position comfortable for breathing.

If in eyes: May cause eye damage. Rinse cautiously with water for several minutes. If wearing contact lenses, remove and continue rinsing.

Disposal: Toxic to aquatic life with long lasting effects. Dispose of any contents/container to an approved waste disposal plant in accordance with local waste guidelines.

Safety data sheet available at mytrusana.com or myersontooth.com/trusana

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USER WORKFLOW

1 Work Environment Preparation

  A Store Trusana resin in a cool, dry location between 22–25°C.

  B Put on the required PPE.

  C Ensure the area is well-ventilated prior to printing.

2 Build Plate and Resin Preparation

  A Ensure your resin tray and build plate are clean and free of debris. Remove any visible particles. Remove solids from previous printing.

  B Calibrate the printer per manufacturer's instructions including the build plate and any other necessary components.

  C Vigorously shake or roll resin for five minutes prior to each print with agitation equipment if available. Longer agitation may be required. Pour required volume for print into resin tray.

  D Remove bubbles from the poured resin with a spatula or allow them to dissipate.

3 Slicing Software Configuration

  A Load the desired 3D model into the slicing software and use the recommended printer settings.

  B Load your prepared print file via a USB, Flash Drive, or according to your printer's instructions.

4 3D Printing

  A Print according to 3D Printer instructions.

5 Isopropyl Alcohol (IPA) Wash

  A Remove the build plate with printed part still attached, and place into IPA wash station with mechanical agitation of the bath for 5 minutes.

  B Remove and set aside the build plate and attached printed piece to air dry.

6 Remove from the Build Plate

  A Use a metal spatula to carefully remove the printed piece from the build plate

7 UV Cure Box

  A Place printed part into cure box and follow printer specific instructions supplied by Myerson online or by request.

8 Water Bath

  A Place the printed part into a plastic bag and seal.

  B Place sealed plastic bag into 80°C water bath with bag and printed parts fully submerged in the bath.

  C After 10 minutes, carefully remove the plastic bag from the water bath and allow to cool.

  D Remove the now fully cured item from the plastic bag.

9 Polishing

  A Polish similar to Duraflex or other Myerson dental materials.

10 Clean up

  A Place a funnel on top of the bottle of resin used to print.

  B Place a filter paper in the funnel.

  C Carefully pour resin from print tray into funnel. Use a spatula to guide resin into funnel to avoid spilling.

  D Remove funnel when all resin is back in the bottle. Securely fasten cover of resin bottle. Discard filter paper.

  E Wash or wipe down print tray and any other apparatus used with isopropyl alcohol and tissue.

  F Allow to dry before using again.

11 Maintenance

  A Follow manufacturer's maintenance guidelines for all equipment used.

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Please visit **mytrusana.com** or **myersontooth.com/trusana** for further 3D printing details and printer specific printing process instructions.

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