



TECHNICAL DATA SHEET

Product: Alpha-Glaze Surface Sealant

Product Description: Alpha-Glaze Surface Sealant is a light cure unfilled methacrylate-based resin with low viscosity used as a finishing sealant for composite and resin cements. It is formulated to penetrate and seal the micro-cracks and surface imperfections that are created by finishing procedures.

Indications for Use: Alpha-Glaze Surface Sealant seals composite restoration surfaces, increases surface hardness, increases the resistance of wear and seals the tooth surface that helps protect the enamel and makes paste clean up easier prior to applying Orthodontic Appliances.

Appearance: Low viscosity liquid

Curing Mechanism: Visible actinic light

Shelf-Life: 24 months

Filler Type: None.

Main Composition (%w/w):	Percent Mass
BIS-GMA	40 – 50%
Blend of multifunctional Methacrylates	30 – 40%
THF Methacrylate	20 – 30%
Photoinitiator	< 1%
Stabilizer	< 1%

Physical /Mechanical Properties:

Specific Gravity:	1.10 – 1.13
Depth to Cure, mm:	6.0 (min)

Regulatory Classification:

This product is in conformity with the following standard(s) or other normative documents:

Code of Federal Regulations CFR 21 Part 820 – Medical Device Quality System Regulation
ISO 4049:2019 Dentistry – Polymer-Based Restorative Materials

Signature/ Date: John Pontikis / 6/5/19

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Position: Management Representative