

TECHNICAL DATA SHEET

Product Name: Alpha-Glaze[®] Surface Sealant

Product Description: Alpha-Glaze[®] Surface Sealant is a light-curable low viscosity, unfilled resin formulation used on composite restoration surfaces as a finishing sealant. Its main purpose is to increase the resistance to wear by sealing the micro cracks and surface imperfections of the finished composite surface. It is compatible with any resin based composite using BISGMA or Urethanemethacrylate oligomer matrix.

Appearance: Low Viscosity Liquid

Color: Clear with a light yellow tint

Cured surface finish: Glossy hard setting and wear resistant finish

Shelf life: 2 years

Curing time: 20 seconds

Curing mechanism: Visible actinic light

Curing light requirements:	Output Intensity	350 - 650 mw/cm ²
	Wavelength	400 - 500 nanometers

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