

TECHNICAL DATA SHEET

- Product:** Alpha-Bond® SE Light Cure Self Etch Adhesive
- Product Description:** Alpha-Bond® SE is a 7th generation self-etch adhesive formulated to bond to multiple substrates for both direct and indirect bonding procedures. It is a universal adhesive that has the bond strength and durability of a total-etch adhesive while eliminating the etching step.
- Indications for Use:** Adhesive formulated to bond to multiple substrates for both direct and indirect bonding procedures.
- Appearance:** Clear liquid
- Curing Mechanism:** Light cured by applying an external energy activated Dental Blue Light with a minimum output of 600 mW/cm² and wavelength of 400 to 500 nanometers.

Shelf-Life: 24 months

| Main Composition: | Components | (%w/w) |
|-------------------|-----------------------------------|--------|
| | Photo initiator | <1 |
| | Water | <10 |
| | Blend of Methacrylate Monomers | <30 |
| | Adhesive Monomer (36%) in acetone | <30 |

Physical /Mechanical Properties:


Bond Strength to Dentin, MPa: 37

Regulatory Classification:

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

International Standard ISO/TS 11405:2015 Dental Materials – Testing of Adhesion to Tooth Structure.
European Standard EN 1641:2009 – Medical Devices for Dentistry – Materials.
Code of Federal Regulations CFR 21 Part 820 – Medical Device for Quality System Regulation.
Code of Federal Regulations CFR 21 Part 872.3200 – Resin Tooth Bonding Agent.

Signature/ Date:

 / 10/24/18

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Position: Management Representative