



# TECHNICAL DATA SHEET

**Product:** Alpha-Dent® Plastic Conditioner

**Product Description:** Alpha-Dent® Plastic Conditioner creates a chemical bond between any plastic bracket or acrylic appliance and the enamel bonding agent. It can also be used to condition a composite restoration prior to bonding, or rebonding a bracket impregnated with adhesive.

**Indications for Use:** Alpha-Dent® Plastic Conditioner is used to increase bond strength between plastic bracket to acrylic appliance to enamel.

**Appearance:** Clear colorless liquid.

**Curing Mechanism:** Not applicable

**Shelf-Life:** 30 months

**Filler Type:** None

**Main Composition (%w/w):**

Components:	% w/w:
Blend of methacrylate monomers	94 – 98
Accelerator	< 5
Preservative	< 1

**Physical /Mechanical Properties:**

Refractive Index at 25 °C	1.418
Specific Gravity at 25 °C	0.924

**Regulatory Classification:**

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

- Code of Federal Regulations 21 CFR Part 820 – Medical Device Quality System Regulation
- Code of Federal Regulations 21 CFR Part 872 – Dental Devices, § 872.3750 Bracket Adhesive Resin and Tooth Conditioner

**Signature/ Date:** John Pontikis / 10/24/18

**Name:** John Pontikis  
**Position:** Management Representative