

## Product Specification

01/07/2016

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|---|--|---|
| Product name                              | H-Bond + H-Bond Activator  |   |
| Type of material                          | Two-component adhesive based on methacrylates and ethanol  |   |
| Recommended medical device classification | Class IIa (93/42 EEC)  |   |
| Relevant Standards                        | none   |   |
|   | <b>Parameter</b>   | <b>Typical Values</b>   |
| Typical composition                       | <p>H-Bond: Modified acrylic acid, poly acrylic acid, methacrylates, catalysts, stabilizers in ethanol</p> <p>H-Bond Activator: Solution of methacrylates, catalysts and stabilizers in ethanol</p>   |   |
| Working properties                        | <p>Recommended curing time</p> <p>a) auto cure, without any light, air excluded</p> <p>b) light cure</p> <p>Depth of cure</p>  | <p>ca. 3 min</p> <p>20 sec</p> <p>n.a.</p>  |
| Physical properties                       | <p>Specific gravity (20 °C; 78 °F)</p> <p>H-Bond</p> <p>H-Bond Activator</p> <p>Adhesiveness to etched dentine and enamel (light cure mode, only OliBond)</p> <p>Adhesiveness to etched dentine and enamel (self cure mode, H-Bond + H-Bond Activator)</p> | <p>1,0 g/cm<sup>3</sup></p> <p>0,8 g/cm<sup>3</sup></p> <p>&gt; 20 MPa</p> <p>&gt; 10 MPa</p> |
| Storage                                   |  | < 25 °C (78 °F)   |
| Shelf life                                |  | 2 years   |