Supporting Information

Title: Photolithographic structuring of soft, extremely bendable and autoclavable hydrophobic barriers in paper

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As it can be seen in Figure S 1 the absorption band of the PAG 103 lies between 350 nm and 460 nm and matches with the light source of the Asiga Pico 2 (see Figure S 2). Because of that PAG 103 was chosen as photoacid generator.

![Figure S 1: Absorbtion band of photoacid generator PAG 103 in acetone. Concentration of PAG 103 in Acetone 5 mg/ml. The photoacid generator absorbs light effectively between 330 nm and 460 nm.](image-url)
Figure S 2: Spectra of commercial available 3D printer Asiga Pico 2