

Supplementary material

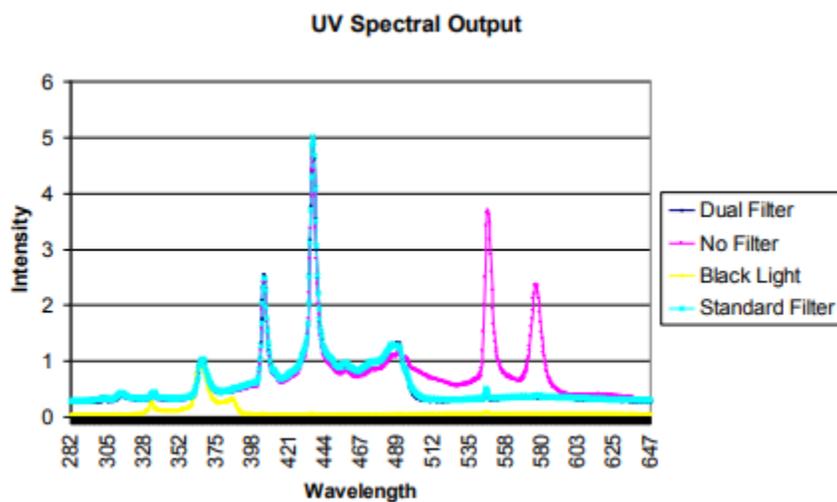
Development of Photocurable Polyacrylate-based PolyHIPEs and the Study of the Kinetics of Photopolymerization, and of their Thermal, Mechanical and Hydrocarbon Absorption Properties

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Figure S1. Emission spectrum of Blue wave dymax UV-Vis lamp



Emission spectrum of Blue wave 210 UV lamp taken from webpage <https://www.intertronics.co.uk/product/bluewave-200-uv-curing-spot-lamp/>

Figure S2a. Mechanism of photoinitiation of dimethoxyphenyl acetophenone (DMPA)

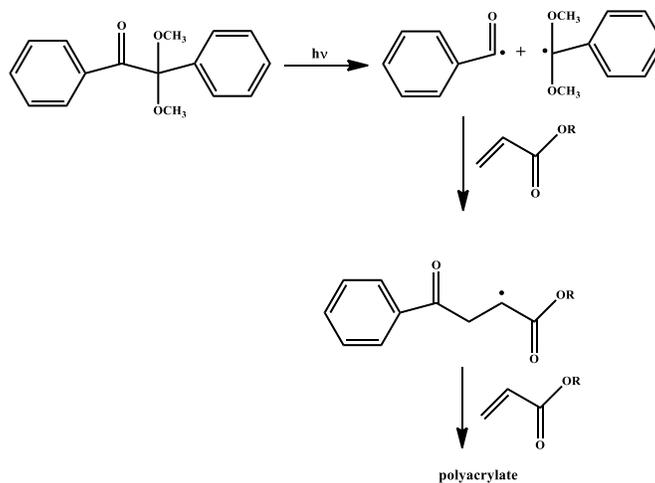
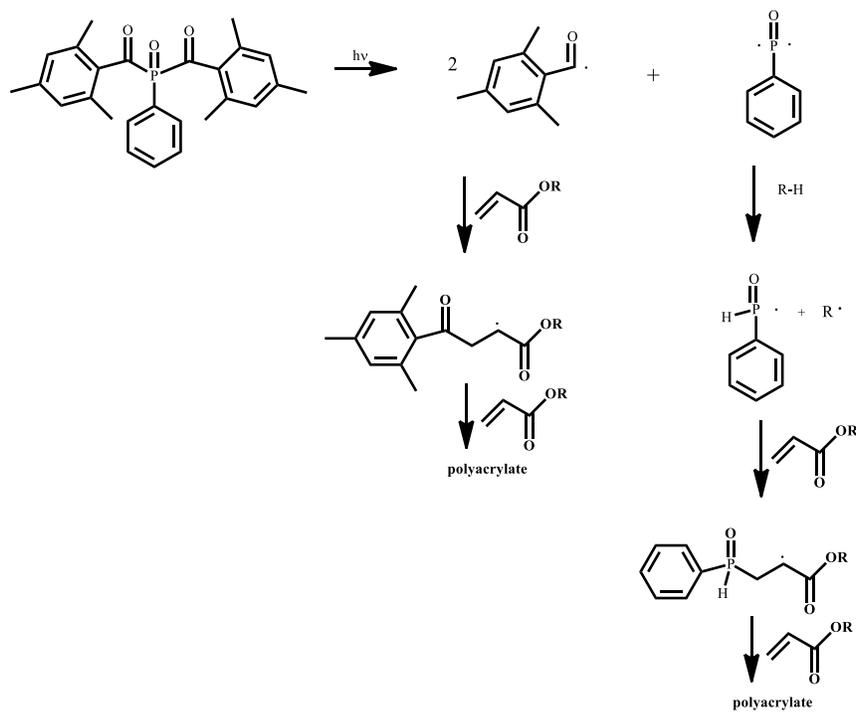


Figure S2b. Mechanism of generation of radical and initiation of photopolymerization of acrylates using BAPO



Video S1. Video of hydrophobic properties of polyHIPE derived from formulation T:E:I (1:0.9:2.1)