Electronic Supplementary Material (ESI) for Journal of Materials Chemistry B. This journal is © The Royal Society of Chemistry 2022

Supplementary information

Photocurable silk fibroin-based tissue sealants with enhanced adhesive property for the treatment of corneal perforations

Rumeysa Tutar¹, Elif Yüce², Burçin İzbudak³, Ayça Bal-Öztürk^{3,4,5,6*}

¹Department of Chemistry, Faculty of Engineering, Istanbul University-Cerrahpasa, Avcılar, Istanbul, 34320,Turkey

²Chemical Engineering Department, Faculty of Engineering, Istanbul University-Cerrahpasa, Avcılar, 34320, Istanbul Turkey

³Department of Stem Cell and Tissue Engineering, Institute of Health Sciences, Istinye University, 34010 Istanbul, Turkey

⁴Department of Analytical Chemistry, Faculty of Pharmacy, Istinye University, 34010 Istanbul, Turkey

⁵3D Bioprinting Design&Prototyping R&D Center, Istinye University, 34010, Zeytinburnu, Istanbul Turkey

⁶Nanotechnology Research and Application Center (SUNUM), Sabancı University, Istanbul, Turkey

* aycabal@gmail.com, aozturk@istinye.edu.tr

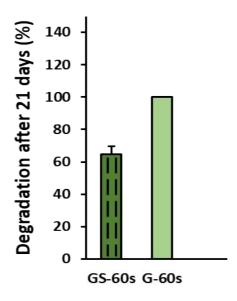


Figure S1. Physical characterization of the G-60s and GS-60s tissue sealants: degradation after 21 days.