

Supplementary data

Composite hydrogels with antioxidant and robust adhesive properties for the prevention of radiation-induced dermatitis

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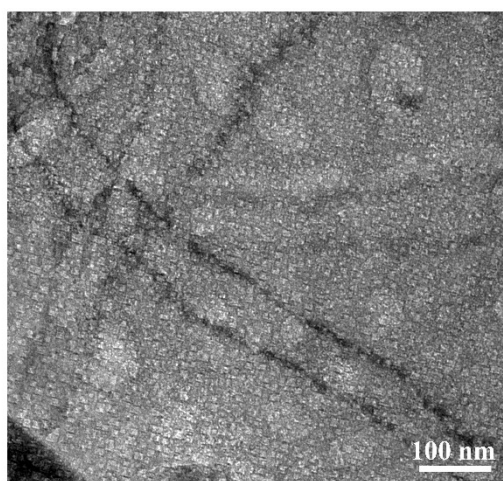


Fig. S1 TEM image of SA precursor solutions.

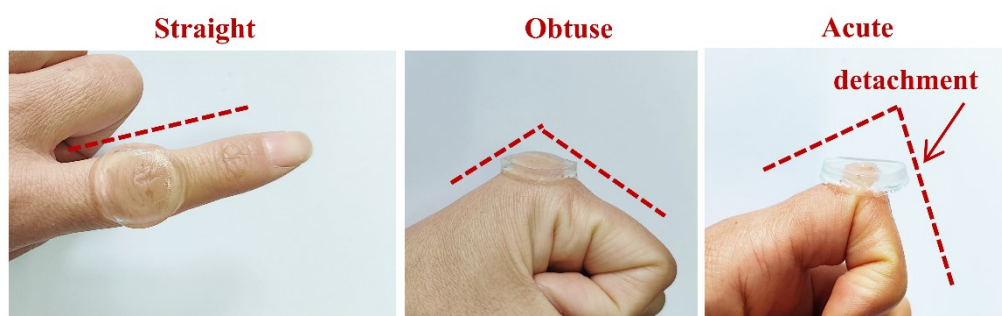


Fig. S2 Photos of SP hydrogel adhesion on human finger bending at different angles.

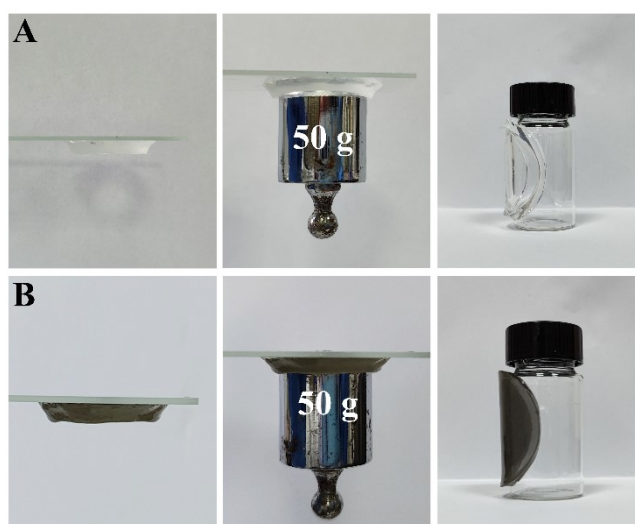


Fig. S3 Photos of hydrogels adhesion on glass substrate.

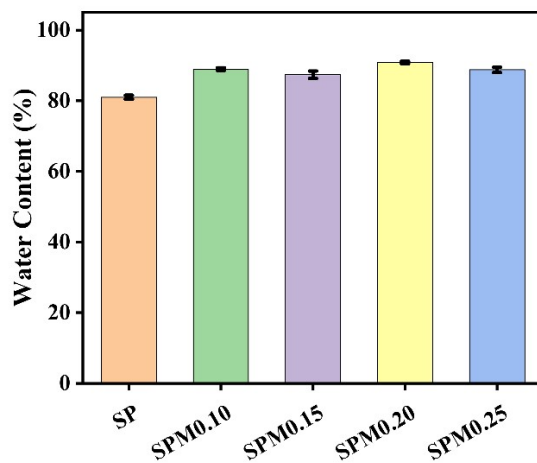


Fig. S4 Water content of hydrogels.

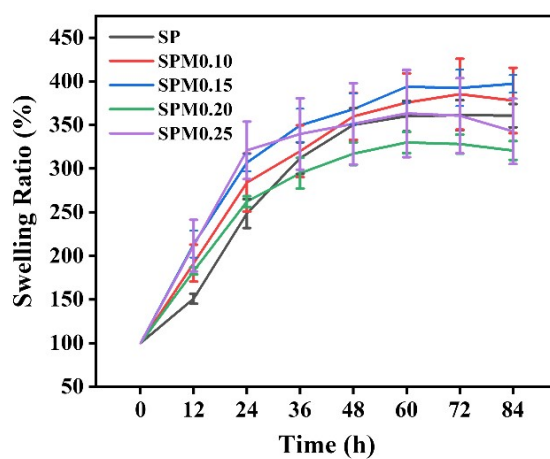


Fig. S5 Swelling rate of hydrogels in water.

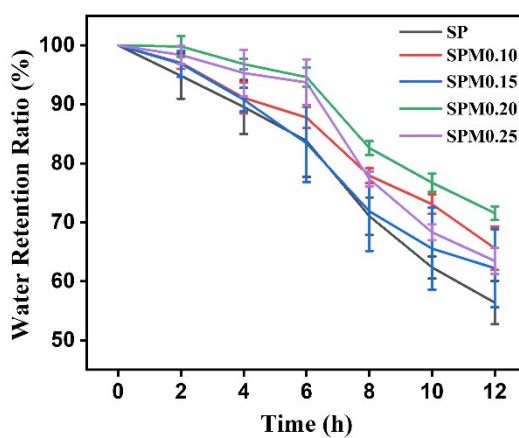


Fig. S6 Water Retention of hydrogels at 37°C.

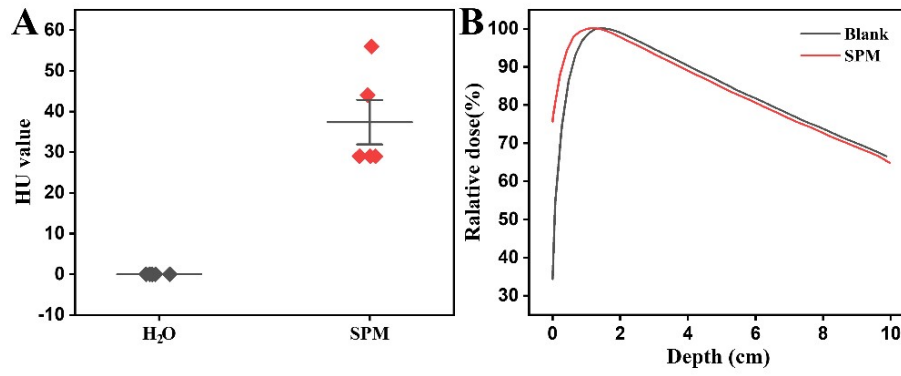


Fig. S7 HU value (A) and PDD curve (B) of SPM hydrogel.

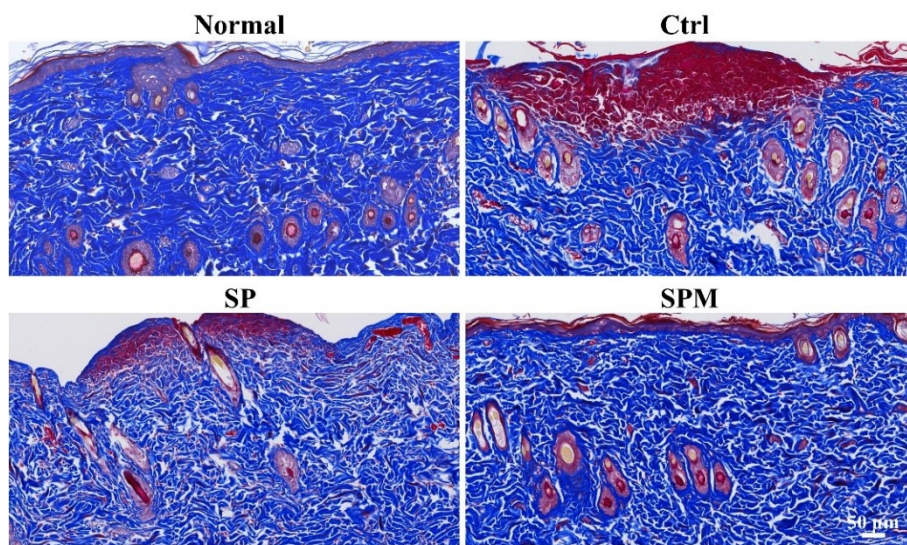


Fig. S8 Masson staining of rat skin tissue after 7 days with different treatments.