

Supplementary information

Robust Superhydrophobic and Oleophilic Silk Fibers for Selective Removal of Oil from Water Surface

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The OSC of SFF-ODA for kerosene oil (purchased from Indian Oil Fuel Station, India), silicone oil (Loba Chemie, India), paraffin oil (Merck, India), toluene (RFCL Limited, India), hexane (SD fine-Chem Limited, India), and xylene (Universal Laboratories Private Limited, India), calculated using equation 2, have been presented in Table S1.

Table S1: The oil sorption capacity of SFF-ODA for some oil samples and organic solvents.

Oil/Organic solvent	OSC of SFF-ODA (g g⁻¹)
Kerosene	40.30
Silicone oil	49.50
Paraffin oil	68.17
Toluene	49.84
Hexane	42.87
Xylene	55.24