

## Fabrication of Superhydrophobic Surface with Discarded Silicone under Arc Exposure

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### Supporting Information

#### SI.1.

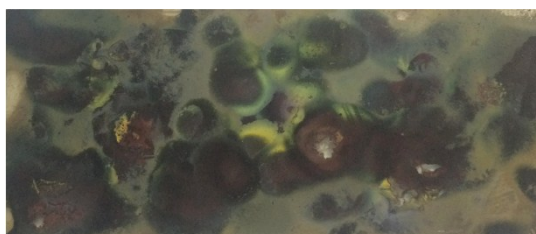


Fig. 1S. Photo of the glass slide coated with silicone aged by serious arc discharges.

#### SI.2.

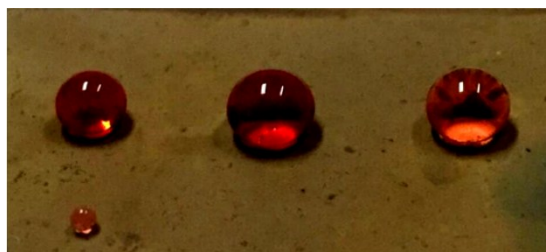


Fig. 2S. Photo of water droplets on superhydrophobic surface after sand abrasion test.

#### SI.3.



**Fig. 3S.** Photo of superhydrophobic coating on the silicone after arc exposure.

#### **SI.4. vedio for self-cleaning of NaCl.**