

## Supplementary Information

### A Thermochromic Superhydrophobic Surface

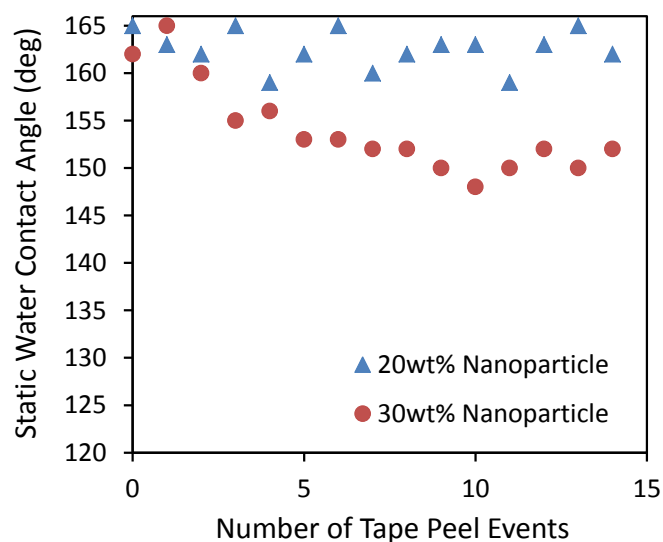
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**Figure S1.** Changes in the static water contact angle as a function of tape peel events by using a 3M tape with 820 N/m adhesion strength on steel. Two different superhydrophobic surfaces were tested containing 20wt% and 30wt% SiO<sub>2</sub> nanoparticles. None of the coatings could be completely removed at the end of 15 peel events indicating that the coating adhesion to aluminum is larger than 820N/m. However, the coating with 30wt% SiO<sub>2</sub> nanoparticles demonstrated lower water contact angles close to the generally accepted superhydrophobicity threshold (150°).

**Video File:** Water droplet impact on a thermochromic superhydrophobic surface. Room temperature drop bounces on the heated superhydrophobic surface. The zone where the droplet impacts changes color due to temperature difference between the droplet and the surface.