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ACCEPTED MANUSCRIPT

Forming Nanostructured Surfaces through Janus Colloidal Silica Particles with Nanowrinkles: a New Strategy to Superhydrophobicity

Joshua Avossa^a, Aurelio Bifulco^a, Eugenio Amendola^b, Felice Gesuele^c, Stefano Luigi Oscurato^c, Yonas Gizaw^d, Giuseppe Mensitieri^a, Francesco Branda^{a,*}

^a Department of Chemical, Materials and Production Engineering, University of Naples Federico II, Piazzale Tecchio 80, 80125 Fuorigrotta, Naples, Italy

^b Institute for Polymer, Composites and Biomaterials, National Research Council of Italy, Piazzale Enrico Fermi 1, 80055 Portici, Naples, Italy

^c Department of Physics "Ettore Pancini", University of Naples Federico

II, Via Cintia 21, 80126 Fuorigrotta, Naples, Italy

^d The Procter and Gamble Co., Winton Hill Business Center, 6210 Center Hill Ave, Cincinnati, OH 45224, USA

*Corresponding author. e-mail: <u>branda@unina.it</u>. Phone: +39-081-768-2412

Keywords: nano-structured particles, janus particles, wrinkled particles, superhydrophobicity

Abstract Proper nano-structuring coupled with low surface energy properties is exploited to obtain super-hydrophobic surfaces. A biomimicking hierarchically structured coating upon a

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