### Accepted Manuscript

Full Length Article

Preparation and Characterization of a Durable Superhydrophobic Hyper-branched Poly(dimethylolbutanoic acid-glycidyl ester of versatic acid)/nano-SiO2 Coating

Han Cui, Mingguang Hu, Zhen Yu, Jijun Xiao

PII: S0169-4332(18)32612-6

DOI: https://doi.org/10.1016/j.apsusc.2018.09.186

Reference: APSUSC 40490

To appear in: Applied Surface Science

Received Date: 3 June 2018

Revised Date: 19 September 2018 Accepted Date: 22 September 2018



Please cite this article as: H. Cui, M. Hu, Z. Yu, J. Xiao, Preparation and Characterization of a Durable Superhydrophobic Hyperbranched Poly(dimethylolbutanoic acid-glycidyl ester of versatic acid)/nano-SiO2 Coating, *Applied Surface Science* (2018), doi: https://doi.org/10.1016/j.apsusc.2018.09.186

This is a PDF file of an unedited manuscript that has been accepted for publication. As a service to our customers we are providing this early version of the manuscript. The manuscript will undergo copyediting, typesetting, and review of the resulting proof before it is published in its final form. Please note that during the production process errors may be discovered which could affect the content, and all legal disclaimers that apply to the journal pertain.

## **ACCEPTED MANUSCRIPT**

Preparation and Characterization of a

Durable Superhydrophobic Hyperbranched

Poly(dimethylolbutanoic acid-glycidyl ester

of versatic acid)/nano-SiO2 Coating

Han Cui1, Mingguang Hu1, Zhen Yu1, Jijun Xiao1, \*

1College of Material Science and Engineering, Hebei University of Science and

Technology, Shijiazhuang, 050018, People's Republic of China

\* Corresponding author, e-mail: ; Tel: +8613933091860

#### Acknowledgements

This work was supported by Hebei Key Laboratory of Material Near-Net Forming Technology. We thank LetPub (www.letpub.com) for its linguistic assistance during the preparation of this manuscript.

#### Download English Version:

# https://daneshyari.com/en/article/11001924

Download Persian Version:

https://daneshyari.com/article/11001924

<u>Daneshyari.com</u>