## Accepted Manuscript

Title: A corrosion-protective coating based on a solution-processable polymer-grafted graphene oxide nanocomposite

Author: Kai Qi Yimin Sun Hongwei Duan Xingpeng Guo

PII: S0010-938X(15)00251-6

DOI: http://dx.doi.org/doi:10.1016/j.corsci.2015.05.056

Reference: CS 6343

To appear in:

Received date: 8-1-2015 Revised date: 22-5-2015 Accepted date: 23-5-2015

Please cite this article as: K. Qi, Y. Sun, H. Duan, X. Guo, A corrosion-protective coating based on a solution-processable polymer-grafted graphene oxide nanocomposite, *Corrosion Science* (2015), http://dx.doi.org/10.1016/j.corsci.2015.05.056

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

A corrosion-protective coating based on a solution-processable polymer-grafted graphene oxide nanocomposite

Kai Qi<sup>#a,b,c</sup>, Yimin Sun<sup>#a</sup>, Hongwei Duan<sup>\*a</sup>, Xingpeng Guo<sup>b</sup>

<sup>a</sup>School of Chemical and Biomedical Engineering, Nanyang Technological University, 70 Nanyang Drive, 637457, Singapore

<sup>b</sup>School of Chemistry and Chemical Engineering, Huazhong University of Science and Technology, Wuhan, 430074, P.R. China

<sup>c</sup>State Key Laboratory for Mechanical Behavior of Materials, Xi'an Jiaotong University, Xi'an 710049, P.R. China

<sup>\*</sup>Corresponding author. fax: +86-29-82664906.

E-mail address: hduan@ntu.edu.sg (H. Duan).

<sup>\*</sup>The two authors contributed equally to this work.

## Download English Version:

## https://daneshyari.com/en/article/7895412

Download Persian Version:

https://daneshyari.com/article/7895412

<u>Daneshyari.com</u>