

## Accepted Manuscript

Title: High self-dispersibility carbon black particles prepared via hydroxylation and urethane chains encapsulation for enhancing properties of waterborne polyurethane composite films

Authors: Weining Du, Jun Liu, Zhengjun Li

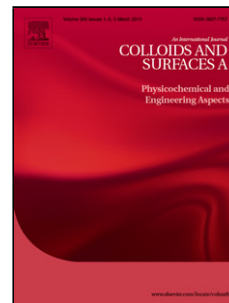
PII: S0927-7757(18)30050-5  
DOI: <https://doi.org/10.1016/j.colsurfa.2018.01.044>  
Reference: COLSUA 22239

To appear in: *Colloids and Surfaces A: Physicochem. Eng. Aspects*

Received date: 2-12-2017  
Revised date: 22-1-2018  
Accepted date: 22-1-2018

Please cite this article as: Du W, Liu J, Li Z, High self-dispersibility carbon black particles prepared via hydroxylation and urethane chains encapsulation for enhancing properties of waterborne polyurethane composite films, *Colloids and Surfaces A: Physicochemical and Engineering Aspects* (2018), <https://doi.org/10.1016/j.colsurfa.2018.01.044>

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.



# High self-dispersibility carbon black particles prepared via hydroxylation and urethane chains encapsulation for enhancing properties of waterborne polyurethane composite films

Weining Du<sup>a</sup>, Jun Liu<sup>b</sup>, Zhengjun Li<sup>a,\*</sup>

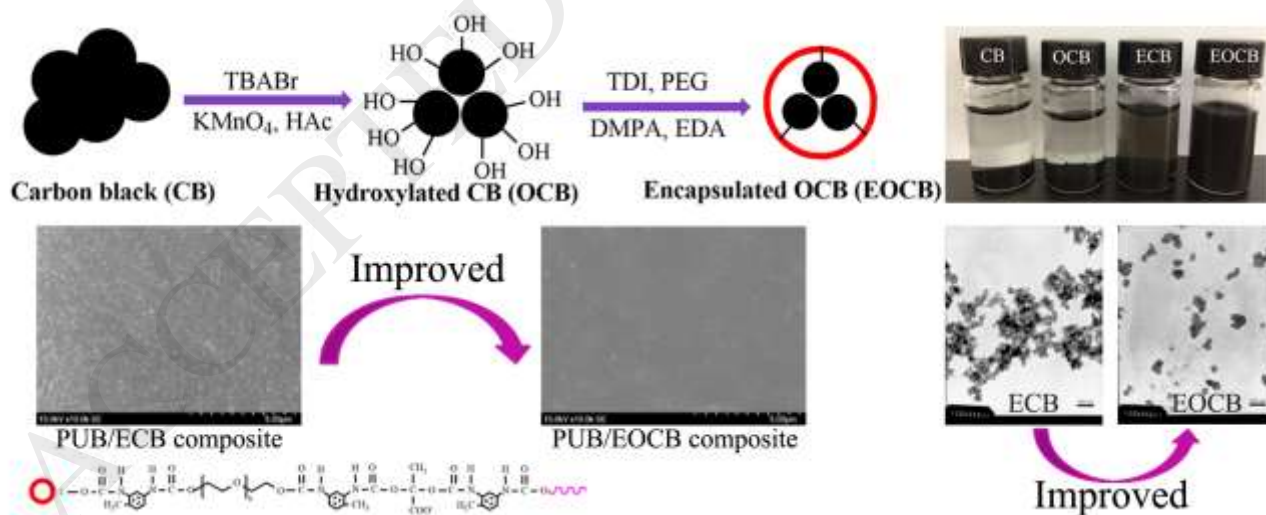
<sup>a</sup>National Engineering Laboratory for Clean Technology of Leather Manufacture, Sichuan University, Chengdu 610065, China

<sup>b</sup>College of Chemistry & Environmental Protection Engineering, Southwest University for Nationalities, Chengdu 610041, China

\*Corresponding author: lizhengjun@scu.edu.cn (Z. Li); Tel: +86-028-85408868

Address: National Engineering Laboratory for Clean Technology of Leather Manufacture, Sichuan University, Chengdu 610065, China.

## Graphical abstract



Download English Version:

<https://daneshyari.com/en/article/6977607>

Download Persian Version:

<https://daneshyari.com/article/6977607>

[Daneshyari.com](https://daneshyari.com)