# Accepted Manuscript

Title: Starch based polyurethanes: A critical review updating recent literature

Author: Fatima Zia Khalid Mahmood Zia Mohammad Zuber

Shagufta Kamal Nosheen Aslam

PII: S0144-8617(15)00775-4

DOI: http://dx.doi.org/doi:10.1016/j.carbpol.2015.08.034

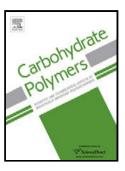
Reference: CARP 10237

To appear in:

Received date: 20-5-2015 Revised date: 11-8-2015 Accepted date: 12-8-2015

Please cite this article as: Zia, F., Zia, K. M., Zuber, M., Kamal, S., and Aslam, N., Starch based polyurethanes: A critical review updating recent literature, *Carbohydrate Polymers* (2015), http://dx.doi.org/10.1016/j.carbpol.2015.08.034

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

#### **HIGHLIGHTS**

## Starch based polyurethanes-recent advances and perspective

- Polymer industry moved to get rid of its dependence on non-renewable resources.
- Starch provided a cheap and eco-friendly way to form huge variety of materials
- Blending of starch with polyurethane is relatively a developing area in PU chemistry
- Starch based PUs i.e. blends, grafts, copolymers, composites, nano-composites etc,
- This class of natural and synthetic blend materials has shown potential applications.

### Download English Version:

# https://daneshyari.com/en/article/7787371

Download Persian Version:

https://daneshyari.com/article/7787371

<u>Daneshyari.com</u>