

Accepted Manuscript

Title: Template-free synthesis of highly selective amorphous aluminosilicate catalyst for toluene alkylation

Authors: Sreenivasulu Peta, Tao Zhang, Viktor Dubovoy, Katherine Koh, Maocong Hu, Xianqin Wang, Tewodros Asefa



PII: S0926-860X(18)30096-6
DOI: <https://doi.org/10.1016/j.apcata.2018.02.029>
Reference: APCATA 16569

To appear in: *Applied Catalysis A: General*

Received date: 4-11-2017
Revised date: 10-2-2018
Accepted date: 23-2-2018

Please cite this article as: Peta S, Zhang T, Dubovoy V, Koh K, Hu M, Wang X, Asefa T, Template-free synthesis of highly selective amorphous aluminosilicate catalyst for toluene alkylation, *Applied Catalysis A, General* (2010), <https://doi.org/10.1016/j.apcata.2018.02.029>

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.

Template-free synthesis of highly selective amorphous aluminosilicate catalyst for toluene alkylation

Sreenivasulu Peta,^{a,b,c} Tao Zhang,^b Viktor Dubovoy,^a Katherine Koh,^a Maocong Hu,^d Xianqin Wang,^d Tewodros Asefa^{a,b,c,*}

^a Department of Chemistry and Chemical Biology, Rutgers, The State University of New Jersey, 610 Taylor Road, Piscataway, New Jersey 08854, USA

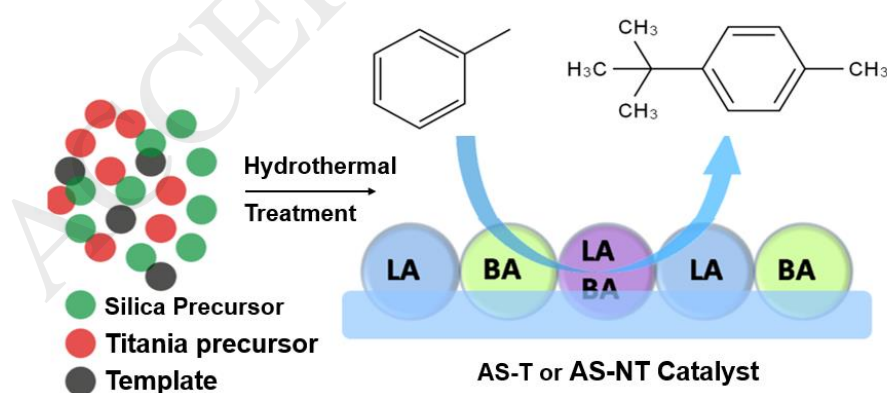
^b Department of Chemical and Biochemical Engineering, Rutgers, The State University of New Jersey, 98 Brett Road, Piscataway, New Jersey 08854, USA

^c Institute for Advanced Materials, Devices and Nanotechnology, Rutgers, The State University of New Jersey, 607 Taylor Road, Piscataway, New Jersey 08854, USA

^d Department of Chemical, Biological and Pharmaceutical Engineering, New Jersey Institute of Technology, University Heights, Newark, NJ 07102, USA

* Corresponding author: E-mail: tasefa@chem.rutgers.edu (T. Asefa)

Graphical abstract



Download English Version:

<https://daneshyari.com/en/article/6496864>

Download Persian Version:

<https://daneshyari.com/article/6496864>

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