



**SDI Review Form 1.6**

Journal Name:	<a href="#">International Research Journal of Pure and Applied Chemistry</a>
Manuscript Number:	<b>Ms_IRJPAC_26098</b>
Title of the Manuscript:	<b>COMPARATIVE ANALYSIS OF POLYESTERIFICATION REACTION ON CRUDE AND EPOXIDIZED NEEM OIL-MODIFIED ALKYD RESIN</b>
Type of the Article	<b>Original Research Article</b>

**General guideline for Peer Review process:**

This journal's peer review policy states that **NO** manuscript should be rejected only on the basis of '**lack of Novelty**', provided the manuscript is scientifically robust and technically sound.

To know the complete guideline for Peer Review process, reviewers are requested to visit this link:

(<http://www.sciencedomain.org/page.php?id=sdi-general-editorial-policy#Peer-Review-Guideline>)



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**PART 1: Review Comments**

	Reviewer's comment	Author's comment (if agreed with reviewer, correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)
<b>Compulsory</b> REVISION comments	<p>a. Serious bad grammar error throughout the study: examples: line 7, grammar error of the sentence " ..using per-acid generated in-situ"</p> <p>b. line 21-2, too lengthy</p> <p>c. line 71 The neem seed was obtained and extracted in national research institute "for" chemical technology (NARICT) Zaria, Kaduna State. the term should use is "from chemical technology"</p> <p>d. Introduction The information of Neem Oil (chemical structure, fatty acid composition, oil weight percentage, etc) and the reason using Neem Oil should discuss in the introduction.</p> <p>e. Material Line 79, FTIR characterization should not add in section of material, it should explain in the section of characterization. Author stated they used of FTIR, however, no FTIR results were shown through the study.</p> <p>f. Line 90, change "per-acetic acid" into peracetic acid</p> <p>g. The cited reference for whole manuscript is too old (1964 to 2004), author must cite latest</p>	<p>Line 7 has been corrected</p> <p>(NARICT) is my affiliation and is term National Research Institute <b>for</b> Chemical Technology.</p> <p>The oil weight in percentage and fatty acid profile has been included. check highlighted portion in the introduction (table 1), also the reason for using neem oil was highlighted.</p> <p>This is a mistake and has been revised. FTIR result was not suppose to be included in this work as we are only interested in polyesterification reaction between the two resins.</p> <p>Line 90 has been corrected</p> <p>The reference has been adjusted upto 2015, It has been integrated into the manuscript. See the references on the highlighted</p>



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	<p>references .</p> <p><b>h. Line 137, the calculation of "extent of esterification reactions (PA)" should use the latest reference as below:</b></p> <p><b>Energy Conversion and Management, 106 (2015) 932-940; Process Safety and Environmental Protection, 95 (2015) 126-135</b></p> <p><b>i. Line 190 and 194, the term "shows' should remove from Table 3 and table 4</b></p> <p><b>j. Line 171-183, Please describe in detail the reason of increase reaction time form 30 to 150 min leads to increased Dp and PA.</b></p> <p><b>k. The figures for (Dp Vs Av), (Dp vs reaction time),(PA vs reaction time), (PA vs AV) for both (CNOMAR) and (ENOMAR) should be combined together for more clearer comparison.</b></p> <p><b>The grammar for the writing have to improve before ready for pubication.</b></p>	<p>portion of the reference section.</p> <p>T his has been adjusted as requested.</p> <p>Corrected</p> <p>This has been explained in the result and discussion section. See the highlighted portion.</p> <p>Adjustment has been made on this area. The number of figure has been reduce.</p> <p>The script has been proofread and adjusted.</p>
<b><u>Minor</u></b> REVISION comments		
<b><u>Optional/General</u></b> comments		