

Review Form 3

Journal Name:	<u>International Journal of Environment and Climate Change</u>
Manuscript Number:	Ms_IJECC_124996
Title of the Manuscript:	Improving Indoor Air Quality: Using Polymate-777A as a formaldehyde scavenger to Decrease Formaldehyde emission in Plywood Panels.
Type of the Article	

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PART 1: Review Comments

Compulsory REVISION comments	Reviewer's comment	Author's Feedback (Please correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)
<p>Please write a few sentences regarding the importance of this manuscript for the scientific community. Why do you like (or dislike) this manuscript? A minimum of 3-4 sentences may be required for this part.</p>	<p>Formaldehyde emissions from wood composite products is a big concern for the environment and people's health. This study focused at how effective a product called Polymate-777A, the additive used as a formaldehyde scavenger is in reducing the formaldehyde emissions from plywood. This study suggests that using Polymate-777A could be a good way to reduce formaldehyde emissions from wood products, which would be better for the environment and people's health.</p>	
<p>Is the title of the article suitable? (If not please suggest an alternative title)</p>	<p>Seems fine</p>	
<p>Is the abstract of the article comprehensive? Do you suggest the addition (or deletion) of some points in this section? Please write your suggestions here.</p>	<p>Little more can be extended</p>	
<p>Are subsections and structure of the manuscript appropriate?</p>	<p>Introduction need to be more elaborated</p>	
<p>Please write a few sentences regarding the scientific correctness of this manuscript. Why do you think that this manuscript is scientifically robust and technically sound? A minimum of 3-4 sentences may be required for this part.</p>	<p>Polymate-777A is highly effective in reducing formaldehyde emissions in plywood production. Not only does it lower formaldehyde levels, but it also improves the quality of the panels. The study suggests that the best results are achieved when using Polymate-777A at concentrations between 1.5% and 2% with urea formaldehyde resin. This ensures that the plywood meets strict standards for indoor and outdoor use. Because Polymate-777A maintains material properties while reducing emissions, it's a promising option for industrial use</p>	
<p>Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.</p>	<p>More recent can be added</p>	
<p>Minor REVISION comments</p> <p>Is the language/English quality of the article suitable for scholarly communications?</p>	<p>Seems ok</p>	
<p>Optional/General comments</p>		

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PART 2:

	Reviewer's comment	Author's comment <i>(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)</i>
Are there ethical issues in this manuscript?	<i>(If yes, Kindly please write down the ethical issues here in details)</i>	

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