



SDI Review Form 1.6

Journal Name:	Chemical Science International Journal
Manuscript Number:	Ms_CSIJ_50754
Title of the Manuscript:	Cationic photopolymerization by Polymeric Triphenyl Phosphonium Salts
Type of the Article	Original Research Article

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>)

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)
Compulsory REVISION comments		
Minor REVISION comments	<p>The manuscript titled "Cationic photopolymerization by Polymeric Triphenyl Phosphonium Salts" concerns phenacyl triphenylphosphonium and <i>p</i>-nitrobenzyl triphenylphosphonium polymer bound salts with SbF₆⁻ counter ions, which have been synthesized and examined as polymeric photoinitiators for the cationic photopolymerization of epoxide monomers such as cyclohexene oxide and vinyl monomers such as <i>N</i>-vinyl carbazole and <i>p</i>-methyl styrene. These polymeric phosphonium salt catalysts were found to be easy to handle and stable (stored in the dark). Reaction of the nonpolymerizable compound <i>trans</i>-stilbene oxide with the phosphonium gives the isomerization product diphenyl acetaldehyde as major product.</p> <p>The manuscript is connected with interesting and modern synthetic problem of derivatives of epoxide monomers. The paper is written rather legible English, nevertheless authors should check the text due to minor mistakes. And from scientific point of view the text is interesting enough. But important is to show the advantages of the designed material to state of art (new literature, the newest reference is 1993). Finally, the manuscript could be ready for publication in <i>Chemical Science International Journal</i> after minor revision.</p>	<p>Reviewer's comments are positive and can add to the quality improvement of the manuscript.</p> <p>The revised text and the updated references added to reflect the importance of the designed material. Please see marked texts in revised version.</p>
Optional/General comments		



[SDI Review Form 1.6](#)

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?	<u><i>(If yes, Kindly please write down the ethical issues here in details)</i></u>	