Correction: Hyperbranched phosphorus flame retardants: multifunctional additives for epoxy resins

Alexander Battig, Jens C. Markwart, Frederik R. Wurm and Bernhard Schartel


The authors regret that the following points were not included/corrected in the original manuscript:

1. Author Jens C. Markwart’s ORCID is missing in the original manuscript, the correct ORCID is 0000-0002-2796-7380.

2. In Scheme 1 in the original manuscript, there was an error in the amount of carbon atoms in the polymer-backbone. Furthermore, the bracket was not clearly visible. A corrected version of Scheme 1 is presented here.

Scheme 1  Synthesis of hb-FRs via an A_2 + B_3 thiol–ene polyaddition, and schematic representation of dendritic, linear, and terminal units of the hb-structure.

aBundesanstalt für Materialforschung und -prüfung (BAM), Unter den Eichen 87, 12205 Berlin, Germany. E-mail: bernhard.schartel@bam.de

bMax Planck Institute for Polymer Research, Ackermannweg 10, 55128 Mainz, Germany. E-mail: wurm@mpip-mainz.mpg.de

cGraduate School Materials Science in Mainz, Staudinger Weg 9, 55128 Mainz, Germany
3. In Scheme 2 in the original manuscript, there was an error in the amount of carbon atoms in the polymer-backbone. Additionally, some atoms were missing a label. A corrected version of Scheme 2 is presented here.

![Scheme 2](image)

Scheme 2  Proposed decomposition mechanism of hb-FRs and FR interaction with EP during thermal decomposition of EP-hb-FRs. Solid squares: identified products (TG-FTIR, hot stage FTIR, etc.).

4. The following sentence is missing from the Acknowledgements section in the original manuscript: Jens C. Markwart and Frederik R. Wurm thank Christine Rosenauer (MPIP) for the GPC/MALS analysis.

The Royal Society of Chemistry apologises for these errors and any consequent inconvenience to authors and readers.