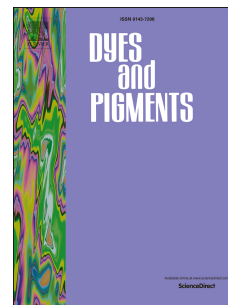


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One step self-heating synthesis and their excellent anticorrosion performance of zinc phosphate/benzotriazole composite pigments

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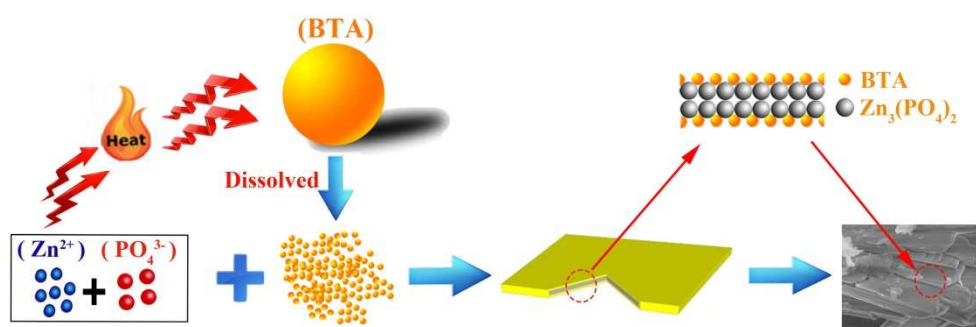
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Graphical Abstract: A $\text{Zn}(\text{NO}_3)_2$ /benzotriazole (ZPB) anticorrosion pigment was designed and synthesized by one step self-heating method. The stable composite of organic and inorganic was realized by using the chemistry reaction heat. Observably, the impedance activity of ZPB pigments was increased by 1275.5 % and 196.5 % compared to pure zinc phosphate and benzotriazole pigments, respectively.



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