Accepted Manuscript

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PII: S0010-938X(13)00361-2

DOI: http://dx.doi.org/10.1016/j.corsci.2013.08.005

Reference: CS 5501

To appear in: Corrosion Science

Received Date: 14 April 2013 Accepted Date: 6 August 2013



Please cite this article as: E. Alibakhshi, E. Ghasemi, M. Mahdavian, Corrosion inhibition by lithium zinc phosphate pigment, *Corrosion Science* (2013), doi: http://dx.doi.org/10.1016/j.corsci.2013.08.005

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ACCEPTED MANUSCRIPT

Corrosion inhibition by lithium zinc phosphate pigment

E. Alibakhshi¹, E. Ghasemi², M.Mahdavian³

- 1. Institute for Color Science and Technology, Tehran, Iran
- 2. Inorganic pigment and glazes department, Institute for Color Science and Technology, Tehran,

Iran

3. Polymer Engineering Department, Institute of Polymeric Materials, Sahand University of Technology, Tabriz, Iran

* corresponding author

Email: eghasemi@iust.ac.ir, eghasemi@icrc.ac.ir, Tel: (+98) 2122051484, Fax: (+98) 2122947537.

Highlights

Synthesis of lithium zinc phosphate (LZP) by chemical co-precipitation method.

Corrosion inhibition activity of pigments compare with zinc phosphate (ZP).

LZP showed superior corrosion inhibition effect in EIS measurements.

Evaluation of adhesion strength and dispersion stability

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