

MAKING THE GLITTER LAST – DEVELOPMENT OF A NOVEL LACQUER FOR COPPER BASED ALLOYS

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A novel polymeric corrosion inhibitor based lacquer was developed at CSIR-NML that can be used as a coating to prevent tarnishing of copper and its alloys for long durations. The tarnishing inhibition efficiency of the lacquer was evaluated using electrochemical, salt spray and outdoor exposure techniques. Results obtained from these studies suggest that the developed lacquer efficiently protects the copper and brass surfaces from tarnishing for very long durations.
