

Electronic supplementary information:

Layered perovskite nanosheets bearing fluoroalkoxy groups:
their preparation and application in epoxy-based hybrids

Yuta Asai^a, Yusuke Ariake^a, Hitomi Saito^a, Naokazu Idota^b, Kimihiro
Matsukawa^c, Takashi Nishino^d and Yoshiyuki Sugahara^{*a,b}

^a *Department of Applied Chemistry, School of Advanced Science and Engineering, Waseda
University, 3-4-1 Okubo, Shinjuku-ku, Tokyo 169-8555, Japan*

^b *Kagami Memorial Research Institute for Materials Science and Technology, Waseda
University, 2-8-26 Nishiwaseda, Shinjuku-ku, Tokyo 169-0051, Japan*

^c *Osaka Municipal Technical Research Institute, 1-6-50 Morinomiya, Joto-ku,
Osaka 536-8553, Japan*

^d *Department of Chemical Science and Engineering, Graduate School of Engineering, Kobe
University, 1-1 Rokkodaicho, Nada-ku, Kobe 657-8501, Japan*

* Tel: +81-3-5286-3204, Fax: +81-3-5286-3204, E-mail: ys6546@waseda.jp

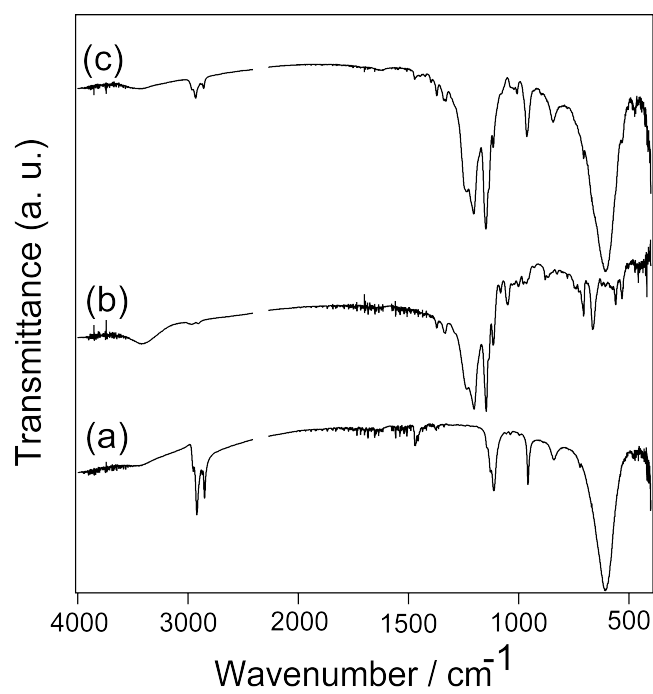


Fig. S1 IR spectra of (a) C10_HLaNb (b) C10FOH and (b) C10F_HLaNb.

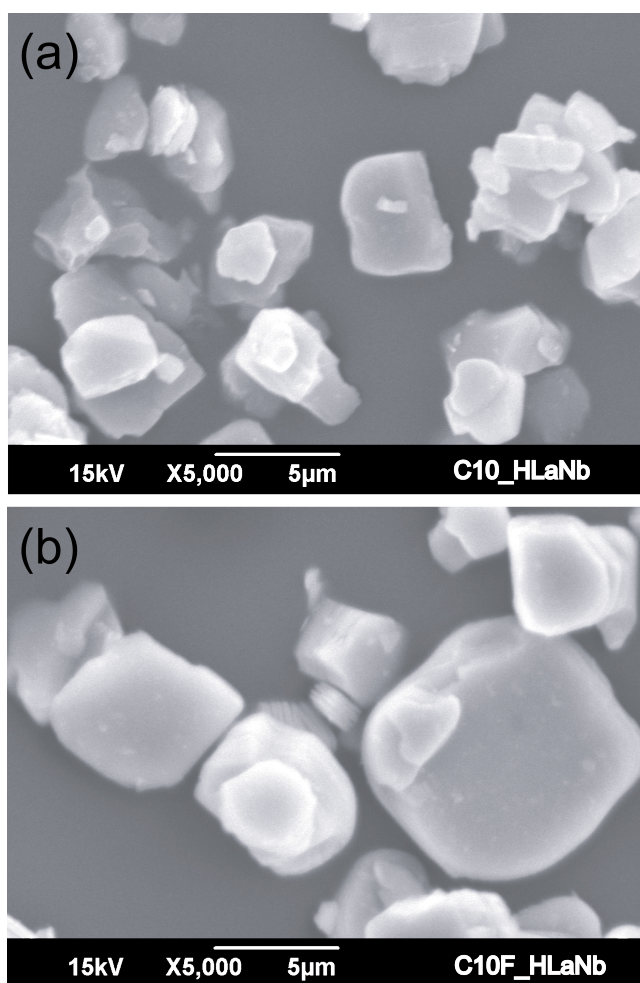


Fig. S2 SEM images of (a) C10_HLaNb and (b) C10F_HLaNb.

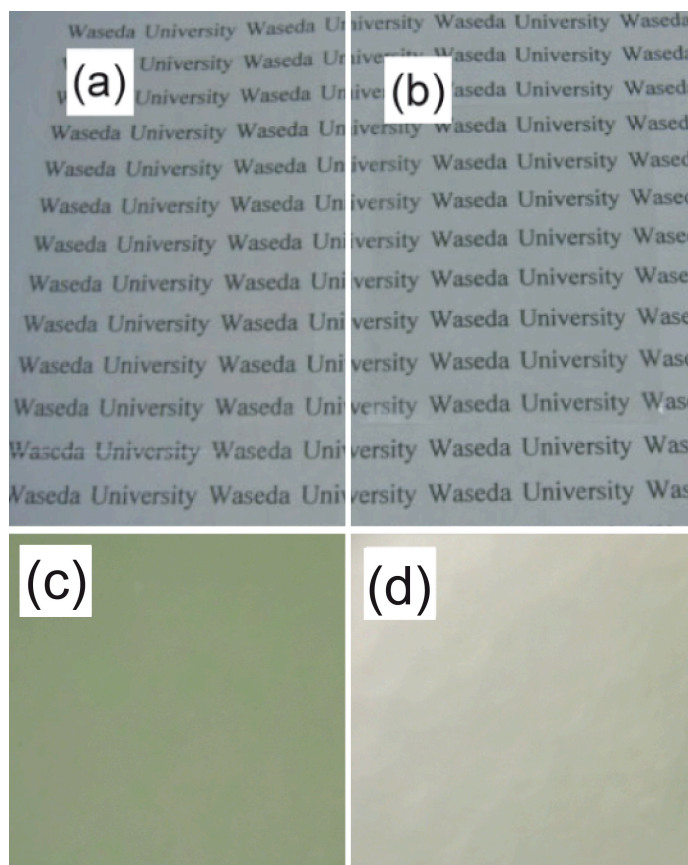


Fig. S3 Photographs of (a) neat epoxy (b) C10F_HLaNb/epoxy_5, and optical micrographs of (c) neat epoxy (d) C10F_HLaNb/epoxy_5.

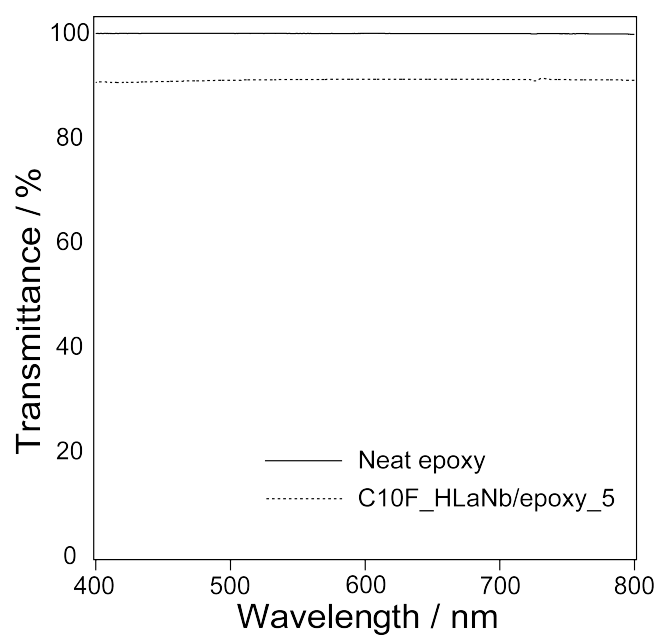


Fig. S4 UV-Vis spectra of neat epoxy and C10F_HLaNb/epoxy_5.