

Interplay of hydrophobic thiol and polar epoxy silicate groups on microstructural development in low-alcohol, crosslinked sol-gel coatings for corrosion prevention

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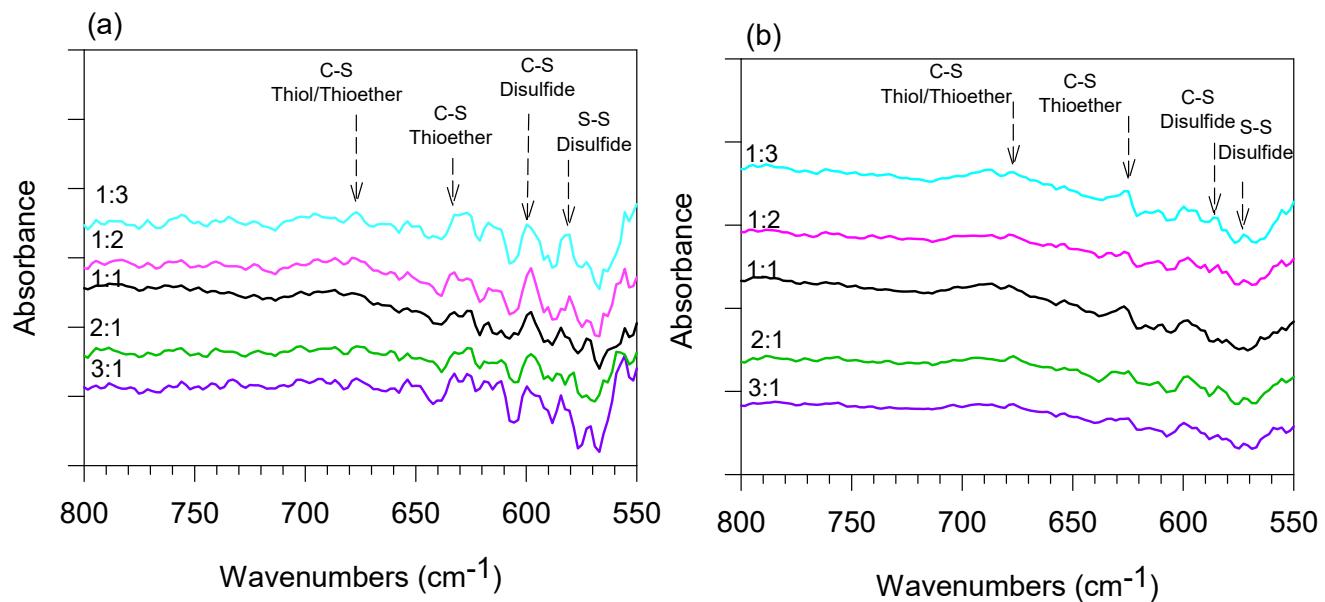


Figure S1: Structural characterization the hybrid (a) TGST and (b) low-alcohol LA(TGST) formulations FTIR spectroscopy in the fingerprint region for all TG:ST ratios.

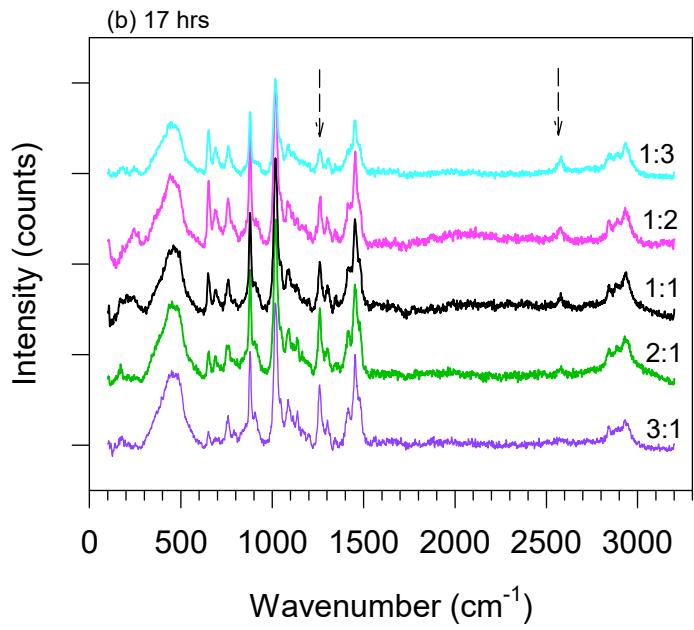


Figure S2: Raman spectra showing the variation of epoxy and thiol peaks for reaction of TGST at 17 h.

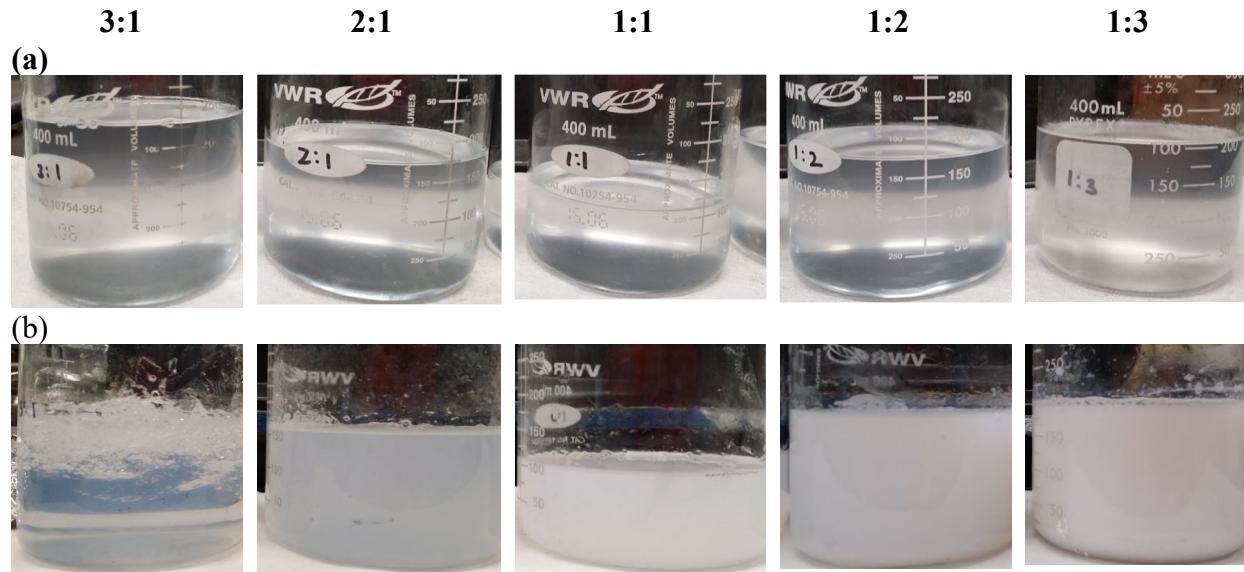


Figure S3: Pot-life for TGST solutions at different crosslinking times (a) $t = 0$ h, (b) $t = 20$ h

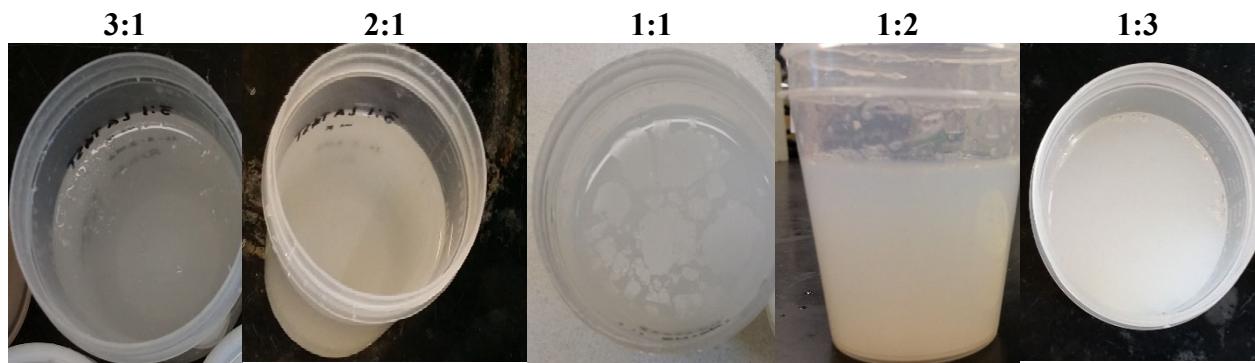


Figure S4: Pot-life for LA(TGST) solutions at crosslinking times $t = 20$ h