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SUPPORTING INFORMATION for

Influence of toxic agents adsorption on the optical and electronic properties of B₁₂N₁₂ fullerene in the presence and absence of external electric fields

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Figure S1. Adsorption models of SF and SC molecules over $B_{12}N_{12}$ fullerene under electric field strengths of $E_X = 0.005$ a.u. and $E_Y = 0.005$ a.u.



Figure S2. IR spectra of SC and SF interacting with $B_{12}N_{12}$ surface with and without electric field.



Figure S3. Optical absorption spectra of $B_{12}N_{12}$ fullerene interacting with SF and SC molecules.