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Electrospinning of preceramic polymers for the preparation of SiBNC felts and their modification with semiconductor nanowires

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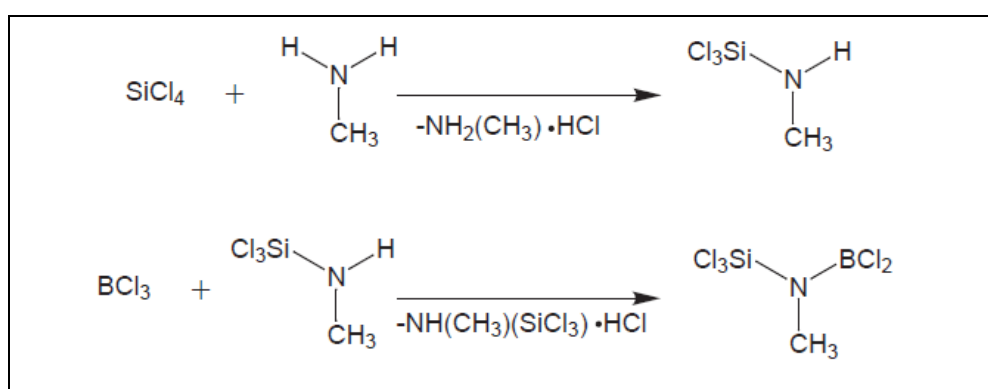


Fig. S1 Reaction scheme for the preparation of DMTA.

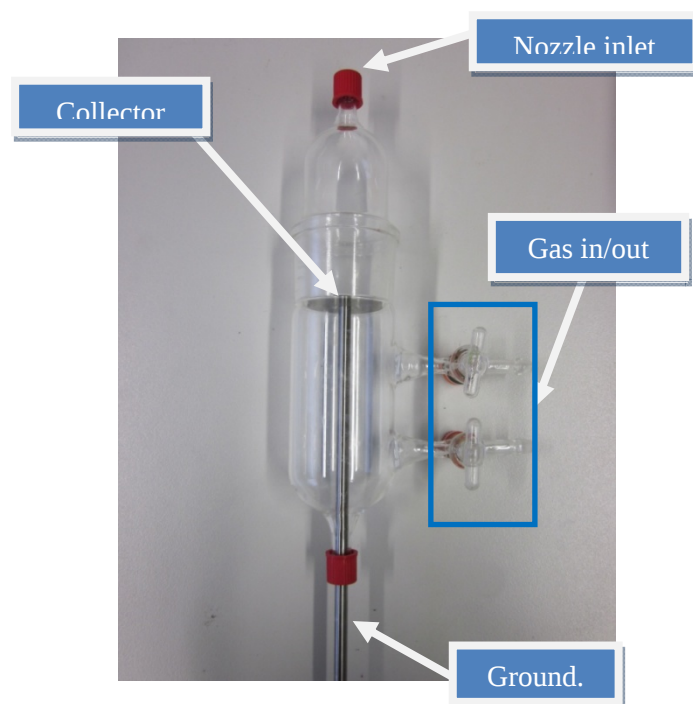


Fig. S2 Glass equipment for inert electrospinning.

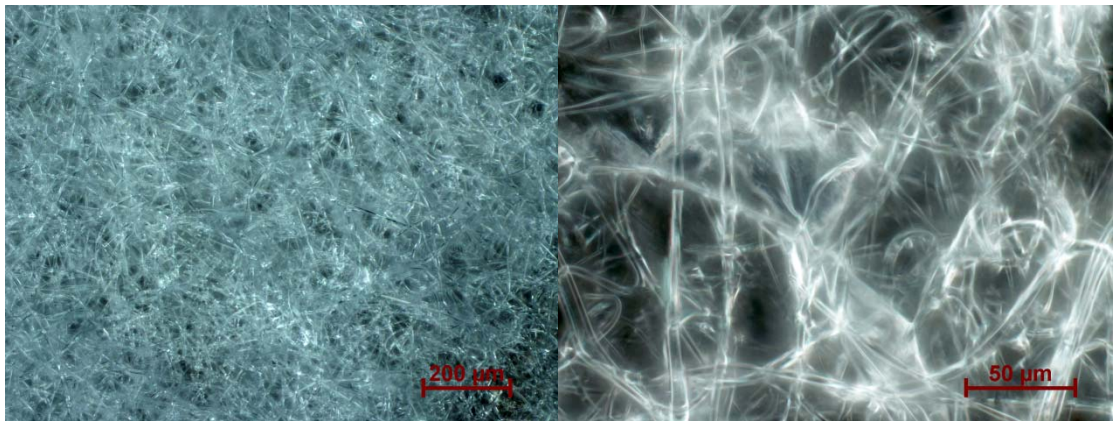


Fig. S3 Light micrograph of woven fibers after electrospinning with 40 wt% polymer in CH₂Cl₂.

Table S1 Signals of FT-IR spectroscopy [cm⁻¹] and corresponding vibrations.

3417 ν(NH)	1108 δ(NH)
2888 ν(CH ₃)	1052 ν(NH)
2809 ν(CH ₃)	931 δ(SiN)
1499 δ(CH ₃)	868 ν(CH ₃)
1326 ν(BN)	846 ν(CH ₃)
1268 δ(CH ₃)	786 ν(CH ₃)
1199 δ(NH)	687 ν(BN)
1173 δ(NH)	