weight to 40% by weight.

7. The composite according to any one of claims 1 to 6, wherein a weight percent of the silicon dioxide in a weight of the composition is in the range of 0.5% by weight to 30% by weight.

8. The composite according to any one of claims 1 to 7, wherein the optically transparent resin layer comprises at least one resin selected from the group consisting of ethylene-tetrafluoroethylene copolymer, tetrafluoroethylene-perfluoroalkyl vinyl ether copolymer, tetrafluoroethylene-hexafluoropropylene copolymer, and polyvinylidene fluoride.

9. A membrane structure comprising the composite according to any one of claims 1 to 8.