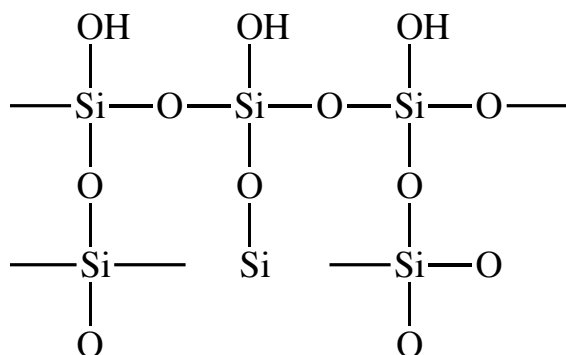


WHAT IS THE TLC PLATE MADE OF?

FOR THIS EXPERIMENT IT IS A PLASTIC SHEET COVERED WITH SILICA GEL.

SILICA GEL: A 3-DIMENSIONAL NETWORK OF ALTERNATING SILICON AND OXYGEN BONDS, REPEATING THOUSANDS OF TIMES, WITH O-H GROUPS ON THE OUTSIDE SURFACE.



THE THING TO REMEMBER: IT IS VERY POLAR AND CAPABLE OF HYDROGEN BONDING