

# Download Effects Of Intermolecular Forces On Capillarity

Capillary action (sometimes capillarity, capillary motion, capillary effect, or wicking) is the ability of a liquid to flow in narrow spaces without the assistance of, or even in opposition to, external forces like gravity. The effect can be seen in the drawing up of liquids between the hairs of a paint-brush, in a thin tube, in porous materials such as paper and plaster, in some non-porous ... London dispersion forces, named after the German-American physicist Fritz London, are weak intermolecular forces that arise from the interactive forces between instantaneous multipoles in molecules without permanent multipole moments. In and between organic molecules the multitude of contacts can lead to larger contribution of dispersive attraction, particularly in the presence of heteroatoms. Chart and Diagram Slides for PowerPoint - Beautifully designed chart and diagrams for PowerPoint with visually stunning graphics and animation effects. Our new CrystalGraphics Chart and Diagram Slides for PowerPoint is a collection of over 1000 impressively designed data-driven chart and editable diagrams guaranteed to impress any audience. Irrespective of the reason for application, polymeric film coatings are generally applied by a spray atomization process, where the polymer is dissolved or dispersed in an appropriate solvent which is then atomized into a fine mist, as shown in Fig. 1. The polymer-containing droplets impinge onto the substrate surface, spread, and, upon solvent evaporation, form the film.