**Applications of Friction**

* While walking or driving a car, the friction gives the required reaction so you can move forward or backward.
* While writing with a pen, pencil, or chalk, if there were no friction, the pen would just slip off!
* Everything you place remains where it is because friction prevents it from moving. If it weren't for friction, you would have to place the object on a perfectly flat surface and ensure it wasn't moving even slightly when you let it go to prevent the object from sliding off the surface.
* Frictional energy warms your hands when you rub them together on a cold winter day.
* Friction permits a car to hold a curve. Without the friction between the tires and the road surface, you would not be able to steer around a curve, because the car would want to travel in a straight line. What's more, without friction, the drive wheels would slip and spin and be unable to propel the vehicle.