This study focused on fabrication of the thermochromic microcapsules and their application to the cotton fabric. In the study, thermochromic systems composed of crystal violet lactone, bisphenol A and 1-tetradecanol were prepared and microencapsulated by emulsion polymerization method in poly(methyl methacrylate-co-ethylene glycol dimethacrylate-co-glycidyl methacrylate) wall. The microcapsules were analyzed by Fourier Transform Infrared spectroscopy (FT-IR) spectroscopy, Scanning Electron Microscope (SEM), transmission electron microscope (TEM), Differential Scanning Calorimetry (DSC) and (Thermogravimetric) TG analysis. Their thermoregulating property was tested by T-History test. The results revealed that microcapsules with smooth surfaces, core-shell structured and spherical shape were successfully produced. The latent heat storage capacity of the microcapsules decreased from 202 J/g to 167 J/g when their shell/core ratio changed from 0.5/1 to 2/1.