

Abstract

Halogen and heavy metal-free humidity indicating composition and humidity indicator card containing the same

The disclosed invention is a humidity indicating composition comprising

- 5 (a) an organic pH indicator dye compound,
- (b) a Bronsted acid or base,
- (c) a polyol having the general formula $\text{HOCH}-(\text{CH}_2)_n-\text{CHOH}$,
wherein n can be 0, 1, 2, 3 or 4, and
- (d) a solvent; wherein said components (a), (b), (c) and (d)
- 10 do not contain halogen and/or heavy metals.

Furthermore, the invention relates to a humidity indicator card comprising a sheet substrate and the humidity indicating composition from which the solvent has been allowed to
15 evaporate, and to a process for preparing said humidity indicator card.