



# BURGESS NO. 17

## HYDROUS ALUMINUM SILICATE

BURGESS NO. 17 is a fine particle size, high brightness hydrous kaolin clay used to extend TiO<sub>2</sub> in semigloss paints and inks.

BURGESS NO. 17 is well ground, has excellent whiteness and dispersion, and high brightness.

### Typical Physical Properties

GE Brightness % 90.0

325 Mesh Residue % 0.01

Average Particle Size Sedigraph 0.5  $\mu$

Free Moisture % Max 1.0

Specific Gravity 2.63

Refractive Index 1.56

pH (20% Solids) 6.9

### Typical Chemical Properties

Loss On Ignition % 13.7 – 14.1

Silica (SiO<sub>2</sub>) % 44.8 – 45.3

Alumina (Al<sub>2</sub>O<sub>3</sub>) % 37.5 – 39.7

Iron Oxide (Fe<sub>2</sub>O<sub>3</sub>) % Trace

Titanium Dioxide (TiO<sub>2</sub>) % 1.35 – 2.27

### Issue Date: HD00F

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