

# Continuing a Legacy of Customer Focus and Innovation

functional anhydrous and hydrous aluminum silicates

*Burgess Pigment*

## BURGESS ICEBERG®

### CALCINED ALUMINUM SILICATE

**BURGESS ICEBERG®** is a conventionally calcined median particle size 91-93 GE Brightness clay used as an extender of  $TiO_2$  in trade sales interior/exterior flat paints, filler/extender in flexible PVC having aesthetics rather than electrical requirements, EPDM wire and cable insulation compound, pharmaceutical rubber, and filler in polyurethane sealants.

**BURGESS ICEBERG®** has several advantages: better touchup; better opacity; higher degree of whiteness; better tint strength; easy dispersion and very low moisture levels in a moisture sensitive application; replacement of more costly carbon black.

Typical Physical Properties		Typical Chemical Properties	
GE Brightness %	92.0	Loss on Ignition	0.15
325 Mesh Residue %	0.05	Silica ( $SiO_2$ ) %	51.0 – 52.4
Average Particle Size Sedigraph	1.4 $\mu$	Alumina ( $Al_2O_3$ ) %	42.1 – 44.3
Free Moisture % Max	0.25	Iron Oxide ( $Fe_2O_3$ ) %	0.5
Specific Gravity	2.63	Titanium Dioxide ( $TiO_2$ ) %	1.56 – 2.50
Refractive Index	1.62		
pH (20% Solids)	5.5		

Issue Date: CD00F

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