



**White Sodium
Bentonite Micronized**

Revised: 05/25/01

BENTOBRITE® KB-325

General Description	A white sodium bentonite that is selectively mined, micronized, and supplied as a free-flowing powder. This pure, high-brightness clay is used in applications that require good color and moderate thixotropy.		
Functional Use	Suspending agent, gellant, and binder for use in household products, automotive products, aerosols, enamels and other industrial specialty applications where high solid levels and low viscosity are desired.		
Purity	Hydrous aluminum silicate, micronized to concentrate the finest montmorillonite fraction from the bentonite ore. Contains minor amounts of calcite, quartz, and feldspar.		
Solubility	Insoluble in water or alcohol; one gram of clay produces a surface area greater than 750 sq. meters when fully dispersed.		
Moisture	12% maximum as shipped	Texture	Soft, slippery
Viscosity	30 cps maximum @ 5% solids	Odor	None
Spec. Gravity	2.6	Taste	None
Brightness	70 minimum	pH	8.5-10.5 @ 2% solids
Dry Particle Size	Minimum 99.00% finer than 200 mesh (74 microns).		
Wet Particle Size	Minimum 99.75% finer than 200 mesh (74 microns). Minimum 99.00% finer than 325 mesh (44 microns).		
Elemental Analysis	Typical analysis – moisture free.		
	SiO ₂	79.22%	
	Al ₂ O ₃	14.92%	
	MgO	3.40%	
	Fe ₂ O ₃	2.10%	
	CaO	2.28%	
	Na ₂ O	2.72%	
	K ₂ O	0.43%	
	LOI	9.90%	
Packaging	5-ply multi-wall poly-lined bags, moisture-resistant, 50 pound net.		



a wholly-owned subsidiary of AMCOL International Corporation