

SORBOND® UP

POWDERED SOLIDIFICATION AGENT

PRODUCT DESCRIPTION

Sorbond® UP is a high purity sodium montmorillonite which is selectively mined for use as a high efficiency solidification and stabilization agent. It is supplied as a free flowing powder and absorbs as much as 9x its weight in aqueous matter.

BENEFITS

- Cost effective performance through reduction in overall disposal volume and cost
- Can be applied in-situ for soil stabilization and solidification
- Improves non permeability as a soil sealant

PHYSICAL PROPERTIES

PROPERTIES	VALUE																
Purity	Principally composed of the clay mineral montmorillonite. Contains trace amounts of quartz, calcite, and mica.																
Moisture	8 - 12% as shipped																
Bulk Density	54 lbs/ft ³ (typical)																
Settleable	15% maximum																
Spec. Gravity	2.5																
Texture	Soft, slippery when wetted																
Odor	None																
Taste	None																
CEC	95 - 115 meq / 100g																
Chemical Formula	Dioctahedral smectite, an expanding layer silicate: (Na,Ca) _{0.33} (Al _{1.67} Mg _{0.33})Si ₄ O ₁₀ (OH) ₂ ·nH ₂ O																
Elemental Composition	Typical analysis – moisture free. <table style="width: 100%; border: none;"> <tr> <td>SiO₂</td> <td>62.0%</td> <td>Na₂O</td> <td>2.4 %</td> </tr> <tr> <td>Al₂O₃</td> <td>15.2 %</td> <td>CaO</td> <td>1.4%</td> </tr> <tr> <td>Fe₂O₃</td> <td>3.3 %</td> <td>K₂O</td> <td>0.7%</td> </tr> <tr> <td>MgO</td> <td>1.7 %</td> <td>LOI</td> <td>8.0% (after LOD)</td> </tr> </table>	SiO₂	62.0%	Na₂O	2.4 %	Al₂O₃	15.2 %	CaO	1.4%	Fe₂O₃	3.3 %	K₂O	0.7%	MgO	1.7 %	LOI	8.0% (after LOD)
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PACKAGING

- 50 lb bag
- 2000 lb super sack

AVAILABILITY

Shipping available from the following location:

- CETCO, 218 NE Industrial Park Rd, Cartersville, GA
- CETCO, 92 Highway 37, Lovell, WY

Contact your local technical sales manager at:
714-384-0111 or 800-527-9948