VAN GEL[®] SX

Magnesium Aluminum Silicate

Bentonite and Xanthan Gum Blend

VAN GEL[®] SX is a tailored blend of natural bentonite clay and xanthan gum that is an efficient thickener, suspending agent and emulsion stabilizer for HI&I and agricultural formulations.

VAN GEL SX features:

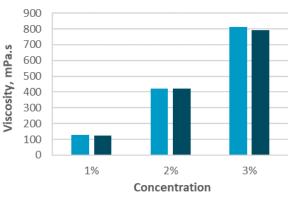
- **Rapid hydration** Mix until smooth; when it looks done, it is done. Hydrates quickly with low shear mixing in unheated water.
- **High yield value** The synergistic combination of bentonite and xanthan gum reliably stabilizes water-based suspensions and emulsions.
- Fine rheology control Because the clay-gum synergism provides both efficient thickening and high yield value, stabilization is possible over a wide range of product viscosity.
- Wide pH compatibility Suitable for use in most cleaners, polishes, agricultural concentrates, and industrial suspension and emulsion products. Not recommended for compositions containing oxidizers or more than pH-adjusting levels of alkaline caustics.
- Broad temperature stability –Stabilization of suspensions and emulsions in frigid to torrid storage conditions.
- Typical Properties:

Viscosity, 2%	300-500 cps
pH, 2%	7-8.5
Moisture	8% maximum

80 70 60 50 40 30 20 10 0 1% 2% 3% Concentration

Yield Value at 24 Hours

■ 20 min, 800 rpm prop mixer ■ 30 min, 800 rpm prop mixer



Initial viscosity after indicated hydration time

■ 20 min, 800 rpm prop mixer ■ 30 min, 800 rpm prop mixer

Industrial grades of **VAN GEL**® Magnesium Aluminum Silicate, including **VAN GEL SX**, are intended for industrial and agricultural use only. These products are not intended for other uses, such as for pharmaceutical or cosmetic use.

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