

K-STAY[®] 731
**Associative Urethane Thickening
Agent**



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ADVANTAGES: K-STAY 731 is a zero VOC, hydrophobically modified urethane thickener with pseudoplastic characteristics. K-STAY 731 is ideally suited for high film build, spray applied formulations.

| | | |
|----------------------------|--------------------------|---------------|
| TYPICAL PROPERTIES: | Appearance | Clear liquid |
| | % Solids | 50 |
| | Viscosity, 25°C, typical | 50 – 60 poise |
| | pH | 6.5 |
| | Weight per gallon, 25°C | 8.8 lbs. |
| | Volatile | Water |

SOLUBILITY: Soluble in water, dilutable in glycol ethers and alcohols.

APPLICATIONS: Effective as a rheology modifier for all water based paints and primers. K-STAY 731 will increase “low shear” viscosity and effectively give excellent shear thinning properties. This provides good anti-sag, anti-settling and pumpability.

TYPICAL USAGE LEVELS: 0.2 to 2.0% as supplied based on total formulation weight.

INCORPORATION: K-STAY 731 may be added in the grind or let down. When adding to the let down, predilution with water will ease incorporation. If the resulting predilution is still too viscous, addition of a high HLB surfactant or hydrophilic coalescent will keep the thickener solids high while lowering the viscosity.

SHELF LIFE: Minimum of 12 months from date of manufacture when stored at ambient temperatures in the original container.

HANDLING & STORAGE: K-STAY 731 is non-regulated but safe handling of this product should include the use of safety glasses and gloves. Refer to the MSDS for detailed information.

REGULATORY: K-STAY 731 is TSCA, EINECS MITI and AICS listed.