



ADVANCED MATERIALS FOR INDUSTRY Phone: 678-821-3273 Fax: 678-821-3255  
Additives & Colors

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## PRODUCT DATA SHEET

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### EBKS-1541A

#### Viscosity Depressant for PVC Plastisol

**DESCRIPTION-** Zero VOC Formulation compatible for use in Plastisol systems containing zinc, calcium and other reactive metals. Will not react with heat stabilizers or flame retardants. EBKS-1541A has no reactive groups and an extremely high Smoke Point.

EBKS-1541A is designed to lower, and stabilize viscosity in resinous, plasticizer and pigment combination systems. EBKS-1541A greatly reduces viscosity and allows for higher solids loadings decreasing formulation costs while producing a product with excellent long-term stability. EBKS-1541A is an amber liquid that causes no color change on cured products. Contains **no hydrocarbon, oxygenated or chlorinated solvents**. EBKS1541A is produced from completely renewable sources and is plasticizer free.

#### FEATURES

- Low plasticizer, high solids formulations
- Formulation stability
- Decrease in foam production
- Addition at any stage of plastisol production
- Excellent Zero VOC Performance
- Excellent reduction in viscosity
- Completely safe for Employees and Customers
- Use of any plasticizer or plasticizer combination
- Passes Chamber and FLEC Test
- Contains no plasticizer

EBKS-1541A allows the formulator to increase the amount of extenders, thus allowing for a reduction in total formulation costs. Effective in both highly filled and low/unfilled formulations as well as foamed and pigmented systems. EBKS-1541A should be used when VOCs and indoor air quality are of concern. Passes both the Chamber and FLEC tests when used in vinyl flooring, carpeting or other similar products that require a zero VOC additive.

## **TECHNICAL DATA**

**State:** Amber Liquid

**Volatiles lbs per gallon:** 0

**Viscosity:** 60 cps. @ 60° F **Wt. per U.S. gallon:** 7.67 lbs.

**Flash Point:** 630°F

**Boiling Point:** 545°F

**Smoke Point:** 482°F

**Refractive Index:** 1.450

EBKS-1541A is supplied in disposable 275 gallon, cardboard totes or 55 gallon steel drums. No need to store or reship empty totes. Just discard normally as you would with other articles of trash. Product residue is safe for any disposal method.

**ADDITION:** Lowest viscosity is achieved if the 1541A is added to the liquid phase prior to the addition of the solids and blended for 5-15 minutes to achieve a homogenous mixture. The addition of any pigments, fillers and resins should follow this step. Post addition is also acceptable but best results are achieved if added to the liquid phase prior to solids. EBKS-1541A is generally added at 0.5-10% on resin weight. A ladder study is always recommended to optimize performance.