



Calsan® 50V

A vegetable-based lubricant for paper coatings; free of animal by-products

Performance highlights

- Uniform particle size provides a product of superior consistency
- Rapid dispersion properties; provides improved flow and leveling characteristics
- Low viscosity provides excellent pumpability and makes the product easy to disperse
- Good gloss

Characteristic values

Appearance	Liquid
Color	white
Solids	49.0 – 51.0 %
pH	8.0 – 12.0
Viscosity at 23°C (Brookfield RV, Spindle #3, at 100rpm)	200 – 300
Free Alkali	0.1 % (max)



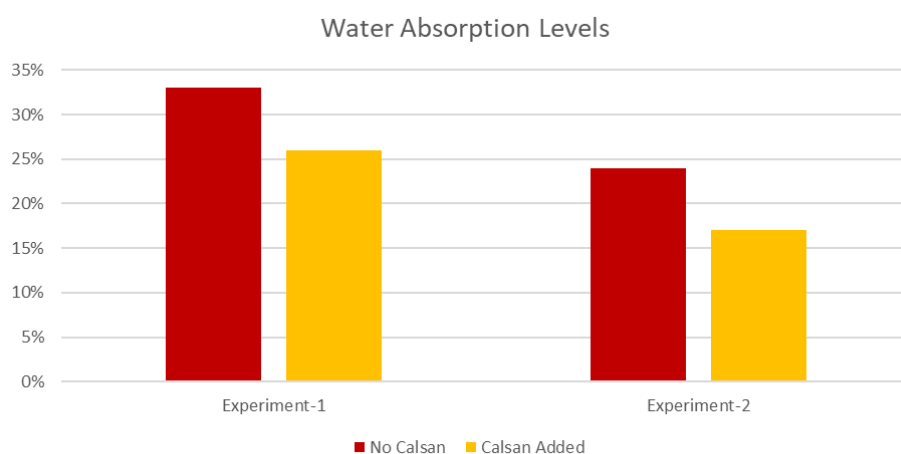
To prevent dusting and fold cracking in paper and paperboard **Calsan 50V** can help paper coating formulators overcoming this challenge!

Calsan® 50V

Ideal for food-contact applications such as food packaging and other applications where use of animal-derived materials is not desired

Calsan 50V, a Calcium Stearate demonstrated its capability to reduce water absorption of coatings. In an experiment, our vegetable-based lubricant showed ~20% lower water absorption when added into two different styrene acrylate-based emulsion polymers.

Water absorption improvement by Calsan 50V



Calsan 50V has a shelf life of six months from delivery date, provided it is stored in accordance with the “Handling and Storage of polymer dispersions” brochure. The consistency and uniformity of Calsan 50V reduces the tendency to settle in prolonged static storage. (Even so, a storage tank with agitation is recommended). Technical information regarding the storage of BASF polymer dispersion products is available upon request.

Product benefits of Calsan 50V:

- APEO free
- High bio-renewable content (based on raw material derived from Palm oil)
- Broad FDA 21 C.F.R. compliances

Contacts

Please contact our technical service department for more help on formulating with products from the surface modifiers product line.

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