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## PRODUCT DATA SHEET

### **BFB LRE 25 Liquid Rosin Ester** (An alternative to SYLVATAC RE 25)

**BFB LRE 25** is a viscous liquid rosin ester tackifier designed for applications requiring a low softening point resin. It provides the compatibility of a rosin ester along with the ability to modify the softening points of other high softening point tackifiers. It is suitable for food packaging applications covered by 21 C.F.R. 175.105 & 175.300.

#### **PRODUCT PROPERTIES**

Color, Gardner, max:	6
Acid Value, mg KOH/g, max:	20 - 25
Softening Point, Ring & Ball, °C:	22 -29
Melt Viscosity @ 30°C, cps (mpas):	85,000
Melt Viscosity @ 40°C, cps (mpas):	14,750
Melt Viscosity @ 50°C, cps (mpas):	5,250
Melt Viscosity @ 60°C, cps (mpas):	2,780

#### **FEATURES**

Soluble in esters, benzene, mineral spirits, ethyl acetate, acetone, aliphatic and chlorinated solvents. Insoluble in alcohols and water.  
Compatible with EVA, SBR, SIS, natural rubber, butyl rubber, neoprene, acrylics, phthalate and polyester plasticizers, alkyds and hydrocarbon resins.

#### **SUGGESTED APPLICATIONS**

It is excellent polymer compatibility suggest use is PSA adhesives and sealants, especially where its low glass transition temperature contributes aggressive tack and better low temperature properties. It is readily emulsifiable in water based systems. Its low solution viscosity and low volatility suggest uses as a plasticizer or coupling agent in lacquers and high solids coatings.

#### **AVAILABLE FORMS/PACKAGING**

Open head steel drums, 200 kg, net. 16 mt/20' container.

#### **STORAGE**

Minimum 6 months.

#### **SAFETY INFORMATION**

Please refer to **Material Safety Data Sheet**.