



# Product Data Sheet

Revision Date: 6/04

## SYLVALITE<sup>®</sup> RE 85L

### Stabilized Rosin Ester

**SYLVALITE RE 85L RESIN** is a polyol ester of rosin which has been stabilized to provide good heat and storage stability. **SYLVALITE RE 85L RESIN** provides particularly good resistance to skinning and viscosity change in Ethylene Vinyl Acetate (EVA) hot melt adhesives.

#### SPECIFICATIONS

Softening Point, Ring & Ball, °C	83 - 87
Acid Number	15 Maximum
Color, Solid, Gardner	5 Maximum

#### TYPICAL PROPERTIES

Softening Point, Ring & Ball, °C	85
Color, Solid, Gardner	4+
Acid Number	9
Flash Point, °C	>230 (446°F)
Pounds per Gallon, 25°C	9.0

<b>Recommended Uses:</b>	<b>SYLVALITE RE 85L RESIN</b> is recommended for use in EVA and other hot melt adhesives due to its stability at elevated temperatures. Its excellent polymer compatibility and aging stability suggest use in pressure sensitive adhesives. <b>SYLVALITE RE 85L RESIN</b> can also be used in rubber compounding, sealant, coating and other applications.
<b>Soluble in:</b>	Aromatic and aliphatic hydrocarbon solvents, esters, ketones and chlorinated solvents. Insoluble in alcohol and water.
<b>Compatible with:</b>	Ethylene Vinyl Acetate (EVA) polymers, at all vinyl acetate levels, Ethylene Ethyl Acrylate, Styrene-Isoprene-Styrene (SIS), Styrene-Butadiene-Styrene (SBS), SBR, natural rubber, butyl rubber, neoprene, acrylic, LMW polyethylene, amorphous polypropylene and other polymers and with phthalate and polyester plasticizers, alkyds, hydrocarbon resins and terpene resins.



Technical Service: Savannah, GA (912) 238-6556  
Sales Service: Jacksonville, FL - (800) 733-1374

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<b>FDA Status:</b>	<b>SYLVALITE RE 85L RESIN</b> meets the requirements of the Code of Federal Regulations, Title 21, under the following section:
175.105	Adhesives
175.300	Resinous and Polymeric Coatings
175.1210	Closures with Sealing Gaskets for Food Containers (metal substrates only)
177.2600	Rubber Articles Intended for Repeated Use
<b>DOT Shipping Classification:</b>	Non-hazardous.
<b>Shipping:</b>	Flaked form in multiwall bags, 50 lbs. net.
<b>Storage:</b>	Although <b>SYLVALITE RE 85L RESIN</b> provides very good shelf stability compared with other flaked resins, prolonged storage should be avoided due to potential effect on performance.



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