



Product Data Sheet

Revision Date: 7/07

SYLVALITE® 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. This product 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
Acid Number	9
Color, Solid, Gardner	4
Melt Viscosity, Brookfield, cps at 125°C (257°F) at 150°C (302°F) at 177°C (350°F)	2700 325 80
Pounds per Gallon, 25°C	9.0

Recommended Uses:	SYLVALITE® RE 85L RESIN 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. This product can also be used in rubber compounding, sealant, coating and other applications.
Soluble in:	Aromatic and aliphatic hydrocarbon solvents, esters, ketones and chlorinated solvents. Insoluble in alcohol and water.

*Arizona Chemical Test Methods available on request.



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

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Compatible with:	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.
FDA Status:	<p>SYLVALITE® RE 85L RESIN meets the ingredient requirements of the following section of the Code of Federal Regulations, Title 21 when used according to the regulations and any limitations that may apply:</p> <p>175.105 Adhesives</p> <p>175.300 Resinous & Polymeric Coatings</p> <p>176.170(b) Components of Paper & Paperboard in contact with Aqueous & Fatty Foods. Subject to final use extraction limitations of 176.170(c)</p> <p>176.180(b)(1) Components of Paper & Paperboard in contact with Dry Foods [by cross reference to 176.170(b)]. Subject to final use extraction limitations of 176.170(c).</p> <p>176.210 Defoaming Agents Used in Manufacture of Paper & Paperboard</p> <p>177.1210 Closures with Sealing Gaskets for food containers. Use only in resinous and polymeric coatings on metal substrates.</p> <p>177.2600 Rubber Articles Intended for Repeated Use</p>
DOT Shipping Classification:	Non-hazardous.
Available Forms/ Packaging:	<ul style="list-style-type: none"> • Flaked form in multiwall bags, 50 lbs. net. • Remassing of this product is expected under certain climactic and storage conditions. Remassed product is readily broken apart and can be used for its intended application. • Remassing of this product is not considered a basis for rejection of the flaked product.
Storage:	Although SYLVALITE® RE 85L RESIN 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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