



Product Data Sheet

Revision Date: 09/07

SYLVALITE[®] RE 85LK

Stabilized Rosin Ester

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

PROPERTIES	TYPICAL	SPECIFICATIONS
Softening Point, Ring & Ball, °C	85	83 - 87
Acid Number	9	15 Maximum
Color, Solid, Gardner	4+	5 Maximum
Flash Point, °C	>230 (446°F)	
Pounds per Gallon, 25°C	9.0	

Recommended Uses:	SYLVALITE[®] RE 85LK 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. SYLVALITE[®] RE 85LK RESIN 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.
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.



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

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FDA Status:	<p>SYLVALITE® RE 85LK RESIN meets the requirements of the Code of Federal Regulations, Title 21, under the following section:</p> <p>175.105 Adhesives</p> <p>175.300 Resinous and Polymeric Coatings</p> <p>175.1210 Closures with Sealing Gaskets for Food Containers (metal substrates only)</p> <p>177.2600 Rubber Articles Intended for Repeated Use</p>
DOT Shipping Classification:	Non-hazardous.
Available Forms/ Packaging:	<p>Flaked form in multiwall bags, 50 lbs. net</p> <p>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.</p> <p>Remassing of this product is not considered a basis for rejection of the flaked product.</p>
Storage:	Although SYLVALITE® RE 85LK 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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