



Product Data Sheet

SYLVALITE® RE 80HP

Low Odor, Light Colored, Stabilized Rosin Ester

SYLVALITE® RE 80HP RESIN is a low odor, light-colored ester of rosin that has been stabilized to provide excellent performance and aging stability. The stability and polymer compatibility of this resin make it useful in a wide variety of adhesives, especially PSAs.

SPECIFICATIONS*

Softening Point, Ring & Ball, °C	77 - 83
Acid Number	15 Maximum
Color, Solid, Gardner	5 Maximum

TYPICAL PROPERTIES*

Softening Point, Ring & Ball, °C	80
Acid Number	8
Color, Solid, Gardner	4
Color, USDA	XB
Melt Viscosity, Brookfield, cps at 125°C (257°F)	1,470
at 150°C (302°F)	240
at 177°C (350°F)	60
Pounds per Gallon, 25°C	9.0

Recommended Uses:	SYLVALITE® RE 80HP RESIN is recommended for use in SIS, SBS, EVA and other hot melts due to its excellent stability, light color, and low odor. Its excellent polymer compatibility and aging stability suggest use in pressure sensitive adhesives. It can also be used in rubber compounding, sealants, coatings 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, amorphous polypropylene and other polymers and with phthalate and polyester plasticizers, alkyds, hydrocarbon resins and terpene resins.
FDA Status:	<p>SYLVALITE® RE 80HP 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.
Shipping:	Flaked form in multi-wall bags, 50 lb. net, or flaked form in fiber drums, 465 lb. net.
Storage:	Although flaked SYLVALITE® RE 80HP RESIN provides excellent shelf stability compared with other flaked resins, prolonged storage should be avoided due to potential effect on performance.

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