



Product Data Sheet

Revision Date: 02/04

SYLVALITE[®] RE 80 HP

Low Odor, Light Colored, Stabilized Rosin Ester

SYLVALITE RE 80 HP 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 **SYLVALITE RE 80 HP RESIN** make it useful in a wide variety of adhesives, especially PSAs.

TENTATIVE SPECIFICATIONS

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

TYPICAL PROPERTIES

Color, Solid, Gardner	3 - 4
Color, USDA	XB
Melt Viscosity, Brookfield, cps at 125°C (257°F) at 140°C (284°F) at 177°C (350°F)	1,270 390 60
Pounds per Gallon, 25°C	9.0

Recommended Uses:	SYLVALITE RE 80 HP 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. SYLVALITE RE 80 HP RESIN 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.



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: 175.105 177.2600	SYLVALITE RE 80 HP RESIN meets the requirements of Code of Federal Regulations, Title 21, Adhesives Rubber Articles Intended for Repeated Use
DOT Shipping Classification:	Non-hazardous unless transported in bulk at elevated temperatures. Bulk molten material regulated as Class 9, Elevated Temperature Liquid, n.o.s.; DOT Identification Number UN 3257; Packing Group III
Shipping:	Flaked form in multiwall bags, 50-lb. net, or solid form in galvanized steel rosin drums, 496-lb. Net.
Storage:	Although flaked SYLVALITE RE 80 HP 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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