



Product Data Sheet

Revision Date: 02/04

SYLVATAC[®] RE 100

Stabilized Rosin Ester

SYLVATAC RE 100 RESIN is a pentaerythritol ester of rosin which has been stabilized to provide excellent heat and aging stability. The stability, low volatility and polymer compatibility of **SYLVATAC RE 100 RESIN** make it useful in a wide variety of adhesives.

SPECIFICATIONS

Softening Point, Ring & Ball, °C	96 - 102
Acid Number	15 Maximum
Color, Solid, Gardner	7+ Maximum

TYPICAL PROPERTIES

Color, Solid, Gardner	6
Color, USDA	X
Melt Viscosity, Brookfield, cps at 140°C (284°F) at 177°C (350°F) at 200°C (392°F)	4,100 270 80
Pounds per Gallon, 25°C	9.0

Recommended Uses:	SYLVATAC RE 100 RESIN is recommended for use in EVA, SBS, SIS and other hot melts due to its excellent stability and low volatility. Its excellent polymer compatibility and aging stability suggest use in pressure sensitive adhesives. SYLVATAC RE 100 RESIN can also be used in construction adhesives, rubber compounding, sealants, coatings 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:	SYLVATAC RE 100 RESIN meets the requirements of the Code of Federal Regulations, Title 21, under the following section: 175.105 Adhesives
DOT Shipping Classification:	Non-hazardous.
Shipping:	Flaked form in multiwall bags, 50 lbs. Net.
Storage:	Although flaked SYLVATAC RE 100 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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