



# Product Data Sheet

## SYLVATAC<sup>®</sup> RE 40

### Semi-Solid, Stabilized Rosin Ester

**SYLVATAC<sup>®</sup> RE 40 RESIN** is a low softening point rosin ester with good stability and mild odor. Its polymer compatibility allows it to be used as a tackifier/plasticizer in many adhesive systems, particularly where better wetting or low temperature tack is required.

#### SPECIFICATIONS\*

Softening Point, Ring & Ball, °C	30 - 40
Acid Number	16 Maximum
Color, Solid, Gardner	10 Maximum

#### TYPICAL PROPERTIES\*

Softening Point, Ring & Ball, °C	35
Acid Number	14
Color, Solid, Gardner	5
Melt Viscosity, Brookfield, cps at 125°C (257°F)	58
Pounds per Gallon, 25°C	8.8

<b>Recommended Uses:</b>	<b>SYLVATAC<sup>®</sup> RE 40</b> is recommended for a variety of pressure sensitive and hot melt applications, especially where its low glass transition temperature contributes more aggressive tack and better low temperature properties. This resin is readily emulsifiable for use in water-based systems. Its low solution viscosity and low volatility suggest uses as a plasticizer or coupling agent in lacquers and high solids coatings.
<b>Soluble in:</b>	Aromatic and aliphatic hydrocarbon solvents, esters, ketones and chlorinated solvents.

\*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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<b>Compatible with:</b>	SBR, natural rubber, butyl rubber, chlorinated rubber, neoprene, EVA, EEA, SIS and SBS copolymers, polyethylene, polypropylene, acrylic polymers, phthalate and polyester plasticizers, alkyds and hydrocarbon resins.
<b>FDA Status:</b>	<b>SYLVATAC® RE 40</b> 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: 175.105 Adhesives 175.300 Resinous & Polymeric Coatings 177.1210 Closures with Sealing Gaskets for food containers. Use only in resinous and polymeric coatings on metal substrates.
<b>DOT Shipping Classification:</b>	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
<b>Shipping:</b>	55-gallon, open-head steel drums, 400 lb. net, or molten bulk.
<b>Storage:</b>	Prolonged storage should be avoided due to potential effect on performance.

1/05



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