

## SYLVATAC™ RE 5S Rosin Ester

### PRODUCT DATA SHEET

SYLVATAC RE 5S liquid rosin ester has broad compatibility with polymers used in flooring and construction applications. With an optimized mixture of resins and plasticizers, SYLVATAC RE 5S can be used as a self-emulsifying blend for water-based acrylic polymers.

#### FEATURES:

- Liquid resin
- Broad compatibility
- SYLVATAC RE 5S Rosin Ester contains 95% USDA certified biobased content

#### POTENTIAL APPLICATIONS:

- Flooring adhesives
- Pressure Sensitive Adhesives

### SALES SPECIFICATIONS

Property	Test Method*	Specification	Typical Value
Acid Number (mg KOH/g)	AQCM 001	Max. 20	16
Viscosity, Brookfield (40°C), cps.	AQCM 004	Max. 6000	4300

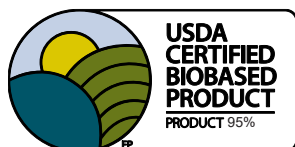
\*Kraton test methods are available upon request

### TYPICAL VALUES

Property	Test Method*	Typical Value
Glass Transition Temperature (°C)	AQCM 218	-28
Color (Gardner, 1:1 toluene)	AQCM 002	6.5
Viscosity, Brookfield (40°C), cps.	AQCM 004	3943
Viscosity, Brookfield (50°C), cps.		1331
Viscosity, Brookfield (75°C), cps.		180

\*Kraton test methods are available upon request

<b>SOLUBILITY</b>	<p>SYLVATAC RE 5S rosin ester is soluble in:</p> <ul style="list-style-type: none"> <li>- Aromatic and aliphatic hydrocarbon solvents, like hexane and toluene</li> <li>- Esters and ketones, such as ethyl acetate and acetone</li> <li>- Long chain alcohols, such as butanol and pentanol</li> </ul>
<b>COMPATIBILITY</b>	<p>SYLVATAC RE 5S rosin ester is compatible with:</p> <ul style="list-style-type: none"> <li>- Ethylene Vinyl Acetate (EVA)</li> <li>- Ethylene Butyl Acrylate (EBA)</li> <li>- Styrene-Isoprene-Styrene (SIS)</li> <li>- Styrene-Butadiene-Styrene (SBS)</li> <li>- SB Rubber</li> <li>- Natural rubber</li> <li>- Acrylics</li> <li>- Paraffin, microcrystalline, FT and polyethylene waxes</li> </ul>
<b>PACKAGING</b>	<p>SYLVATAC RE 5S rosin ester is available in liquid form in 190kg open head steel drums.</p>
<b>STORAGE RECOMMENDATION</b>	<p>It is recommended that SYLVATAC RE 5S rosin ester be stored and transported dry and below 30°C / 86°F. To prevent remassing, keep away from direct sun light or other sources of heat. Product stored or transported at higher temperatures should be evaluated for impact on performance before use.</p>



The USDA Certified Biobased Product label is a certification mark of the U.S. Department of Agriculture.

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