



# Product Data Sheet

## SYLVARES® TR B115

### Polyterpene Resin

**SYLVARES® TR B115 Resin** is a uniquely stable resin based upon beta-pinene, which makes it an excellent tackifier for a variety of natural rubber and synthetic elastomer based adhesives. It is resistant to acids, alkalis, salts and water and is compatible with numerous compounding ingredients common to adhesives.

#### SPECIFICATIONS\*

Softening Point, Ring & Ball, °C	112 - 118
Color, Solid, Gardner	5 Maximum
Toluene Insolubles, %	<0.1
Chlorine	Negative

#### TYPICAL PROPERTIES\*

Softening Point, Ring & Ball, °C	116
Color, Solid, Gardner	4
Toluene Insolubles, %	<0.05
Melt Viscosity, Brookfield, cps	
at 150°C (302°F)	11100
at 177°C (350°F)	1140
at 190°C (374°F)	485
Pounds per Gallon, 25°C	8.5

<b>Recommended Uses:</b>	<b>SYLVARES® TR B115 Resin</b> is used in pressure sensitive adhesives for tapes and labels, packaging, and can sealants.
<b>Soluble in:</b>	<b>SYLVARES® TR B115 Resin</b> is soluble in aliphatic, aromatic and chlorinated hydrocarbons, esters, terpenes, ethyl ether, and some alcohols. It is insoluble in glycols, ketones and most alcohols.

\*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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### Polyterpene Resin

<b>Compatible with:</b>	This resin is compatible with natural rubber and most synthetic elastomers, polyethylene resins, ethylene-based copolymer resins, and most waxes and oils.												
<b>FDA Status:</b>	<p><b>SYLVARES® TR B115 Resin</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:</p> <table><tr><td><b>175.105</b></td><td>Adhesives</td></tr><tr><td><b>175.125</b></td><td>Pressure Sensitive Adhesives</td></tr><tr><td><b>175.300</b></td><td>Resinous &amp; Polymeric Coatings</td></tr><tr><td><b>176.170</b></td><td>Components of Paper &amp; Paperboard in contact with Aqueous &amp; Fatty Foods. Subject to final use extraction limitations of 176.170(c)</td></tr><tr><td><b>176.180(b)(1)</b></td><td>Components of Paper &amp; Paperboard in contact with Dry Foods [by cross reference to 176.170(b)]. Subject to final use extraction limitations of 176.170(c).</td></tr><tr><td><b>177.1210</b></td><td>Closures with Sealing Gaskets for food containers. Use only in resinous and polymeric coatings on metal substrates.</td></tr></table>	<b>175.105</b>	Adhesives	<b>175.125</b>	Pressure Sensitive Adhesives	<b>175.300</b>	Resinous & Polymeric Coatings	<b>176.170</b>	Components of Paper & Paperboard in contact with Aqueous & Fatty Foods. Subject to final use extraction limitations of 176.170(c)	<b>176.180(b)(1)</b>	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).	<b>177.1210</b>	Closures with Sealing Gaskets for food containers. Use only in resinous and polymeric coatings on metal substrates.
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<b>177.1210</b>	Closures with Sealing Gaskets for food containers. Use only in resinous and polymeric coatings on metal substrates.												
<b>DOT Shipping Classification:</b>	Non-hazardous.												
<b>Shipping:</b>	Flaked in multi-wall bags, 50 lb. net.												
<b>Storage:</b>	Minimize exposure to excessively high temperatures for extended periods.												

1/05



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