



# Product Data Sheet

Revision Date: 01/2011

## SYLVAGUM™ RE 85K

### Ester of Tall Oil Rosin

**SYLVAGUM™ RE 85K RESIN** is an ester of Tall Oil Rosin. **SYLVAGUM™ RE 85K Resin** is manufactured to assure that the resin meets the ingredient requirement of FDA 172.615 for chewing gum base. This resin is also KOSHER certified.

#### SPECIFICATIONS\*

Softening Point, Ring & Ball, °C	80 - 86
Acid Number	2 - 9
Color, Solid, Gardner	8 Maximum

#### TYPICAL PROPERTIES\*

Softening Point, Ring & Ball, °C	81
Acid Number	5
Color, Solid, Gardner	6
Melt Viscosity, Brookfield, cps at 125°C (257°F)	1050
at 150°C (302°F)	275
at 177°C (350°F)	100
at 190°C (374°F)	50
Pounds per Gallon, 25°C	9.0

#### Recommended Uses:

**SYLVAGUM™ RE 85K RESIN** is recommended for use as a plasticizer and softener in bubble and stick gum bases. It provides a soft, smooth texture to the gum, reduces interference with flavoring compounds and improves overall gum flavor.

\*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>FDA Status:</b>	<b>SYLVAGUM™ RE 85K 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><b>172.615</b> Chewing gum base</p> <p><b>175.105</b> Adhesives</p> <p><b>175.125(b)</b> Pressure-Sensitive Adhesives. Applications to raw fruit and raw vegetables only.</p> <p><b>175.300</b> Resinous &amp; Polymeric Coatings</p> <p><b>176.170(a)</b> Components of Paper &amp; Paperboard in contact with Aqueous &amp; Fatty Foods. May exempt extractive limitations according to provisions of 176.170(a)</p> <p><b>176.180(b)(1)</b> Components of Paper &amp; Paperboard in contact with Dry Foods [by cross reference to 176.170(a)]. May exempt extractive limitations according to provisions of 176.170(a).</p> <p><b>176.200</b> Defoaming agents used in coatings</p> <p><b>176.210</b> Defoaming Agents Used in Manufacture of Paper &amp; Paperboard</p> <p><b>177.1210</b> Closures with Sealing Gaskets for food containers.</p> <p><b>177.2600</b> Rubber Articles Intended for Repeated Use – Plasticizers total not to exceed 30% by weight of rubber product</p> <p><b>177.2600</b> Rubber Articles Intended for Repeated Use - Emulsifiers</p> <p><b>178.3870</b> Rosins and Rosin Derivatives</p>
<b>Kosher Status:</b>	<b>SYLVAGUM™ RE 85K RESIN</b> is Kosher certified.
<b>DOT Shipping Classification:</b>	Non-hazardous.
<b>Available Forms/ Packaging:</b>	<ul style="list-style-type: none"> <li>• Flaked form in multi-wall bags, 50 lb. net and or solid form in fiber drums, 405 lb. net. We recommend, however, that shipment of the resin be taken in the solid form rather than the flaked form. This would reduce the tendency of the resin to oxidize, which could ultimately affect taste and color characteristics of the resin.</li> <li>• Flaked in multi-wall bags, 50 lb. net.</li> <li>• Remassing of this product is expected under certain climactic and storage conditions. Remassed product is readily broken apart and can be used for its intended application.</li> <li>• Remassing of this product is not considered a basis for rejection of the flaked product.</li> </ul>
<b>Storage:</b>	Although flaked <b>SYLVAGUM™ RE 85K RESIN</b> provides excellent shelf stability, prolonged storage should be avoided due to potential effect on performance.



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