



**Industrial  
Oleochemical  
Products**

# PRODUCT DATA SHEET

317 Chamberlain Road, Jacobs, South Africa, 4026  
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## OleoRez RP105 L

### Pentaerythritol ester of tall oil rosin

OleoRez RP 105 L is a light-coloured pentaerythritol ester of tall oil rosin which exhibits a softening point of nominally 105°C. OleoRez RP 105 L tackifier is designed to contribute good colour stability at elevated temperatures, low odour and compatibility to EVA-based hot-melt adhesives.

### Physical Properties

Property	Description
Appearance @25 °C	Clear light yellow (<=20mm) nuggets
Solids	100%
Acid value (mgKOH/g)	8 - 15
Softening Point , (°C)	104 - 106
Colour, (Gardner)	3 - 5

### Applications

Bookbinding	Woodworking
Special Packaging	High speed case sealing

### Personal Protective Equipment



Always handle OleoRez product in accordance with the safety data sheet (SDS) and proper safety procedures.

### Useful Product Information

CAS Number	161074-62-0
EC Number	500-495-8
HS Code	3806.30.00
Flash Point , (°C)	>260
Specific gravity, 25/25°C	Approx. 1.05
Solubility	Fully soluble in aromatics, esters and ketones, partially soluble in white spirit and insoluble in alcohols and water.
Compatibility	Compatible with most commonly used EVAs, paraffin and waxes, natural rubber, SIS, and SBS



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## Feature & Benefits

Excellent colour stability	Low volatility at elevated temperatures
Improved flexibility in formulating	Good skinning resistance
Minimal odour	Good resistance to viscosity change in hot melt adhesives at target temperature
Broad compatibility	Good adhesion to a variety of substrates
Formulated with an antioxidant to provide oxidative stability	Minimal colour shift at elevated temperatures



## Product Packaging

Pallet: 25kgs x 40 and plastic shrink wrapped  
Possibility of 1 ton bulk bags

## Other Adhesive Tackifiers

**OleoRez RP100L, RG75L, RG70-L, RPG90-L, RPG100L**



Handling:	Ensure the use of personal protective equipment (see SDS Section 8) Handle and open container with care. Keep away from heat and sources of ignition. The material is combustible but not classified as flammable. Wash thoroughly after handling. Do not eat and drink or smoke while handling this material. For molten rosin ester (>100°C) wear protective apron, footwear, spats, face mask and thermally protective gloves For rosin ester dust, wear a protective mask and gloves Note that handling of rosin ester in solid form may constitute a dust hazard (see SDS: Section 5)
Storage:	Store in original packaging and keep containers tightly closed until ready for use. Store in a cool, dry, well-ventilated place.
Incompatible materials:	Rosin ester in contact with un-lined mild steel containers or pipes can result in darkening of the material

### Disclaimer

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