



**Industrial
Oleochemical
Products**

PRODUCT DATA SHEET

317 Chamberlain Road, Jacobs, South Africa, 4026
Tel: +27 (0) 31 461 8680 Fax : +27 (0) 31 461 3743
Website: www.oleo.co.za Email: info@oleo.co.za

OleoPine PHT

Polyol ester of tall oil rosin

OleoPine PHT is a polyol ester of naturally renewable tall oil rosin designed specifically for the replacement of gum rosin in a variety adhesive applications. Its stable light colour and low odour properties makes it ideal to exceed expected performance in non-reactive based formulations and applications.

Physical Properties

Property	Description
Appearance @25 °C	Clear light yellow (<=20mm) nuggets
Solids	100%
Acid value (mgKOH/g)	20 - 30
Softening Point , (°C)	74 - 76
Colour, (Gardner)	3 - 5

Applications

Premium hot melt packaging adhesives	Bookbinding
Pressure sensitive adhesives	Resinous and Polymeric Coatings

* for reactive type applications whereby high acid value is required, we recommend our Gum Rosin WW/WG

Personal Protective Equipment



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

Useful Product Information

CAS Number	8050-31-5
EC Number	232-482-5
HS Code	3806.30.00
Flash Point , (°C)	>230
Specific gravity, 25/25°C	Approx. 1.03
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 tackifying properties *
Minimal odour	Good ageing stability
Broad compatibility	Good adhesion to a variety of substrates
Formulated with an antioxidant to provide oxidative stability	Minimal colour shift at elevated temperatures

* for less tack consider OleoPine P

Product Packaging

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

Other Adhesive Tackifiers

OleoPine P, OleoPine GRS80



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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 (>80°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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