



**Industrial
Oleochemical
Products**

PRODUCT DATA SHEET

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OleoPrint 160HV

Modified Polyol ester of tall oil rosin

OleoPrint 160HV is a modified polyol ester of naturally renewable tall oil rosin designed specifically for a variety printing ink applications. It is formulated to provide nitrocellulose compatibility and is used in formulating printing inks that contain toluene.

Physical Properties

Property	Description
Appearance @25 °C	Clear yellow to amber (<=20mm) nuggets
Solids	100%
Acid value (mgKOH/g)	35 – 45
Softening Point , (°C)	155 - 165
Viscosity @25 °C, #3 Zahn Cup (secs)	40 - 46

Applications

Film forming resin for nitrocellulose based packaging-gravure inks that contain toluene	Lacquer wood furnisher sealer and sander coats
Letterpress, offset, and gravure-type printing inks	Letterpress, offset, and gravure-type printing inks
Varnishes that require faster bodying, higher viscosities, and faster film drying	Toners for printers and copiers

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

Useful Product Information

CAS Number	68333-69-7
EC Number	614-421-8
HS Code	3806.90.00
Flash Point , (°C)	>230
Specific gravity, 25/25°C	Approx. 1.03
Solubility	Fully soluble in aromatics, esters, chlorinated solvents. Partially soluble in aliphatics. Insoluble in alcohols and ketones



OleoPrint 155MT

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Feature & Benefits

Nitrocellulose compatibility	Exceptional resin for use in toluene and isopropyl acetate
Compatible with a wide range of solvents and resins	Improved flexibility in formulating
excellent solubility and solvent release	low solution viscosities in lacquer-type solvents



Product Packaging

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

Other Printing Ink Resins

OleoPrint AS150, 155MT, 160HV



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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