



# TECHNICAL DATA SHEET

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NEVEX® 100

## PRODUCT DESCRIPTION

NEVEX® 100 is a thermoplastic low molecular weight, specially modified C9 aromatic hydrocarbon resin produced by catalytic polymerization of mixed aromatic monomers derived from petroleum feedstocks.

## APPLICATIONS / END USES

- Hot Melt Adhesives
- Rubber Processing Aid and Tackifier
- Modifier for Epoxy and Alkyd Based Coatings
- Construction and High Solids Solvent Based Adhesives
- Asphalt Modification

## ATTRIBUTES / BENEFITS

- Excellent Compatibility with EVA Copolymers
- Promotes Good Stress and Strain Properties for EVA Systems
- Enhanced Wetting of Pigments and Fillers.
- Hydrophobic—Improved Moisture Resistance
- Soluble in Acetone and Tert-Butyl Acetate
- Low Molecular Weight
- Low Odor and VOC
- Good Heat Stability

## PROPERTIES

Property	Test Method	Typical Value	Specifications
Softening Point, R&B °C	ASTM E28	98	100 ± 5
Gardner Color (50% in 100 Solvent)	ASTM D1544	11	12 Max
Specific Gravity @ 25°C	ASTM D71	1.07	N/A
Molecular Weight, No. Avg., GPC Mn Mw	ASTM D5296	550 1,000	N/A
Appearance	Visual	Yellow	

**PACKAGING:** NEVEX® 100 Resin is shipped in 50 lb. (22.7 kg.) bags or super sacks.

**TSCA Status:** Neville Chemical certifies that all components of this product are on the TSCA Inventory.

**FDA STATUS:** NEVEX® 100 Resin is an approved substance as defined by the following United States Food and Drug Administration regulations:

- 175.105 Adhesives
- 175.300 Resinous and Polymeric Coatings
- 176.170 Components of Paper and Paperboard in Contact with Aqueous & Fatty Foods
- 176.180 Components of Paper and Paperboard in Contact with Dry Food
- 177.1210 Closures with Sealing Gaskets for Food Containers
- 177.2600 Rubber Articles Intended for Repeated Use
- 178.3800 Preservatives for wood

The formulator must comply with all other requirements of the FDA regulations, including conditions of use and extractive tolerances of the total compound or formula.