



# TECHNICAL DATA SHEET

Neville Chemical Company  
2800 Neville Road  
Pittsburgh, PA 15225-1496

Phone: 412-777-4210  
E-Mail: support@nevchem.com  
Internet: www.nevchem.com

NEVCHEM<sup>®</sup> 100

## PRODUCT DESCRIPTION

NEVCHEM<sup>®</sup> 100 is a thermoplastic low molecular weight, C9 hydrocarbon resin produced by catalytic polymerization of mixed aromatic and alicyclic monomers derived from petroleum feedstocks.

## APPLICATIONS / END USES

- Hot Melt Adhesives
- Sealants and Caulks
- Construction Adhesives
- High Solids Solvent-Borne and Alkyd Based Coatings
- Processing Aid and Tackifier to Tire and Rubber Compounds
- Asphalt Modification
- Litho Printing Inks

## ATTRIBUTES / BENEFITS

- Improves Tack and Bond Strength in Adhesives and Caulks
- Compatible with Medium and Long Oil Alkyls
- Enhanced Wetting of Pigments and Fillers
- Improved Resistance to Acids and Alkalis
- Provides Excellent Leafing Characteristics for Metallic Pigments
- Improves Scorch Time
- Hydrophobic-Improved Moisture Resistance
- Soluble in Aliphatic Solvents and Oils
- Good Thermal Stability
- Low Molecular Weight
- Low VOC
- Low Odor

## PROPERTIES

Property	Test Method	Typical Value	Specifications
Softening Point, R&B °C	ASTM E28	104	103 ± 5
Gardner Color (50% in 100 Solvent)	ASTM D1544	12.5	14 max.
Specific Gravity @ 25°C	ASTM D71	1.06	NA
Brookfield Viscosity, cps @140°C @160°C	ASTM 3236	9,750 1,670	NA
Molecular Weight Mn Mw	ASTM D5296	500 1,880	NA
Appearance	Visual	Amber	N/A

## PACKAGING

NEVCHEM<sup>®</sup> 100 Resin is shipped in 50 lb. (22.7 kg.) bags or super sacks.

Neville Chemical Company certifies that all components of this product are on the TSCA Inventory.