



## Technical Data Sheet

<b>MATERIAL:</b>	Polybutadiene
<b>CATALOG NUMBER:</b>	894
<b>CAS NUMBER:</b>	9003-17-2
<b>DESCRIPTION:</b>	Low Molecular Weight homopolymer of butadiene
<b>FORMULA:</b>	$(C_4H_6)_x$
<b>TYPICAL PROPERTIES:</b>	
Appearance:	Viscous liquid
Approx. Vinyl-1,2:	20%
Cis:	30%
Trans-1,4:	50%
Approx Mn:	5,000
Viscosity:	40 cp (25°C)
Density:	0.89 (20°C)
Flash point:	500°F
Solubility:	THF, toluene, xylene

**GENERAL INFORMATION:** This product is prepared by the anionic polymerization of butadiene and find application in solvent based lacquers and surface coatings. They may also be cured by ambient temperature autoxidation yielding films that have excellent adhesion to metals and outstanding corrosion and chemical resistance.

### STRUCTURE:

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