



Technical Data Sheet

MATERIAL:	Poly(vinyl acetate)
CATALOG NUMBER:	346
CAS NUMBER:	9003-20-7
DESCRIPTION:	Homopolymer of vinyl acetate
FORMULA:	$(C_4H_6O_2)_x$

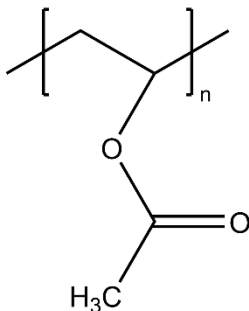
TYPICAL PROPERTIES:

Appearance:	Beads
Approx Mw:	170,000 [GPC]
Refractive index:	n_D^{20} 1.4665
Inherent viscosity:	0.52
Density:	1.18
Glass transition temp:	42°C
Softening point:	119°C
Solubility:	Acetone, benzene, butyl acetate, carbon tetrachloride, chloroform, dichloroethylene, ethanol, ethyl acetate, methanol, MIBK, THF, toluene

GENERAL INFORMATION:

Polyvinyl acetate is a thermoplastic material which is useful in a wide variety of coatings and adhesive applications. Some commercial applications include adhesives for packaging and labeling, in consumer adhesives such as white glues, in latex paints and in vinyl surface coatings. It is resistant to heat, light and to weak acid, alkaline and salt solutions and can be modified with plasticizers to control flexibility. Polyvinyl acetate is also used as a starting material for the preparation of polyvinyl alcohol, polyvinyl butyral and polyvinyl formal.

STRUCTURE:



Technical information and data regarding the composition, properties or use of the products described herein is believed reliable. However, no representation or warranty is made with respect thereto except as made by Sp² in writing at time of sale. Sp² cannot assume responsibility for any patent liability which may arise from the use of any product in a process, manner or formula not designed by Sp².