

TECHNICAL DATA SHEET

Aquadhes® 6001

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PRODUCT DESCRIPTION

Aquadhes® 6001 is a water-based rosin ester dispersion, 54% solids and solvent free.

CHARACTERISTICS

Good compatibility with most polymer lattices used in tape and labeling PSA adhesives, including acrylic, PVA, EVA and SBR lattices.

APEO and solvent free.

Might precipitate if mixed with cationic lattices or other cationic substances.

When mixing with other substances, it might need slow addition in order to prevent precipitation or grit formation.

It is advisable to stir before using, in order to promote an even distribution of the dispersion.

PRODUCT SPECIFICATIONS¹

	Product Specification	Typical Properties	Units
Solids	53 - 55	54	%
Acid Number (discontinues phase)	20 max	15	mg KOH/g
Softening Point (of discontinues phase, R&B)	72 - 82	77	°C
Viscosity (Brookfield LVT, spindle nr.3, 60 rpm, 25°C)	100 - 800	350	mPa.s
pH	6.5 – 7.5	7.0	-
Average particle size (d50, nm)	600 max	250	nm

REGULATORY STATUS

Aquadhes® 6001 is in compliance with U.S Food and Drug Administration for use in food packaging and food processing, Title 21 of Code Federal Regulations, section 175.105 Adhesives.

All components in **Aquadhes® 6001** are listed in EINECS (European Inventory of Existing Commercial Chemical Substances).

APPLICATIONS

Recommended as tackifier to be used with acrylic, PVA, EVA and SBR lattices in pressure sensitive adhesives for labeling.

It promotes strong adhesion to high and low energy surfaces and a fair level of cohesion.

FORM OF SUPPLY

IBC's (1000 kg), Road Tanks.

STORAGE RECOMMENDATIONS

Aquadhes® 6001 resin dispersion is solvent-free and must be protected from freezing.

We also advise to avoid an extended storage at a temperature over 35°C.

To prevent evaporation and subsequent skin formation or formation of coarse particle, keep containers or drums closed.

SHELF LIFE

Up to three months under normal storage conditions. Following positive evaluation of product condition, it can be used after three months.

¹Analytical Methods are available on request.

The information in this Technical Data Sheet is, to the best of our knowledge, true and accurate, but since the conditions of use are beyond our control, no warranty is given or to be implied in respect of such information. It is the customers' responsibility to assess and to test our products in order to satisfy themselves as to the suitability of the products to their particular purpose. We are, at all times, willing to study customer's specific outcomes involving our products in order to enable their most effective use.