

PRODUCT DESCRIPTION

Aquarius III is a water based rosin ester dispersion, 52% solids and solvent free.

CHARACTERISTICS

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

Exposure freezing temperatures must be avoided.

PRODUCT SPECIFICATIONS¹

	Product Specification	Typical Properties	Units
Solids	51 - 53	52	%
Acid Number (discontinues phase)	110 min	125	mg KOH/g
Softening Point (of discontinues phase, R&B)	54 - 64	60	°C
Viscosity, Brookfield LVT, spindle nr.3, 60 rpm, 25°C	100 - 800	350	mPa.s
pH	7.0 – 9.0	8.0	-
Average particle size	350 max	200	nm

REGULATORY STATUS

All components in **Aquarius III** are listed in EINECS (European Inventory of Existing Commercial Chemical Substances).

APPLICATIONS

Recommended as tackifier to be used with acrylic 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

Road Tanks or Plastic Containers.

SHELF LIVE

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

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