

TYPE

An alkyl phenol ethoxylate free amine functional acrylic emulsion.

SOLVENT COMPOSITION

Demineralized water /methoxypropanol (97 / 3)

SPECIFICATIONS

Non-Volatiles: ISO 3251, <i>STM 001G</i>	35 - 37 %
Acid value (as such): ISO 3682, <i>STM 303A</i>	6.9 - 9.0 mg KOH/g
pH (10% in water): <i>STM 007A</i>	9.0 - 10.5
Particle size: <i>STM 016A</i>	100 - 250 nm

TYPICAL PROPERTIES

Amine equivalent weight:	655 g/Eq
Mechanical stability:	OK
Density: DIN 53217	1.05 kg/dm ³
Flash point: ISO 1523	> 94 °C

REMARKS

STM: allnex method of determination (available on request).

STM 001G: spreading agent is demineralized water. Use a paper clip to spread out.

TECHNICAL FEATURES

SETAQUA 8455 gives, in combination with epoxy functional acrylics dispersions such as SETAQUA 8556, isocyanate-free, water borne, easy mixable, two-component coatings with low solvent levels.

APPLICATION

- Industrial varnishes and topcoats for drying at ambient or elevated temperatures.
- Industrial primers, with excellent water resistance, in combination with suitable additives.

STORAGE CONDITIONS

SETAQUA 8455 should not be stored at temperatures below 0 °C or above 35 °C. Avoid exposure to direct sunshine and prevent freezing.

SHELF LIFE

Standard shelf life is 180 days from the date of manufacturing. For products still in allnex possession allnex may extend the expiration date of a batch upon re-testing by QC.