



Technical Data Sheet

SECOIA 1400

Description

Secoia 1400 is an APEO free, anionic emulsion of a bio sourced alkyd resin, with a renewable materials content of 95%. It is intended for “green” paints and lacquers exhibiting a cost/performance balance allowing an interesting opportunity against best acrylics. Secoia 1400 can be formulated without any solvent and with very low VOC/SVOC and no odor.

Application

SECOIA 1400 is an excellent binder for low VOC mat, sheen or satin applications. Compared to conventional bio sourced alkyd emulsions, hardness development is faster, early tack and initial color reduced. Yellowing with time, especially in darkness, has also been improved.

Specification

Solids content, %	50 ± 1
Oil content, %	31
pH	7,0 –8,0
Brookfield viscosity, mPas	< 1000

(LVTDV – II, 60 rpm, spindle 3)

Characteristics of the dispersion

Appearance	slightly yellowish
Stabilization	anionic
Particle size distribution, nm	150 - 250
Minimum film formation temperature, °C	6
Density, g/cm ³	1,03-1,04

The information contained in this document is based on trials carried out by our technical laboratories and data selected from literature, but shall in no event be help to constitute or imply and warranty, undertaking, expressed or implied commitment from our part. Our formal specifications define the limit of our commitment.



Packaging, storage & safety

Secoia 1400 should be kept in the original containers or in stainless steel, aluminium or plastic tanks. Ordinary steel tanks with a corrosion -proof lining can also be used. The containers should be kept closed to prevent evaporation of the water and the formation of a skin on the surface. The product should not be exposed to frost (<5°C) or to temperatures exceeding 40°C. Under normal conditions, the product can be stored for twelve months with no significant loss of its properties, but it cannot be guaranteed for a longer time.

For safety issues, please refer to the material safety data sheet.

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