



## Technical Data Sheet

### Secoia 4400

#### Description

Secoia 4400 is a new APEO free aqueous emulsion of a bio sourced alkyd resin, stabilized with a brand new technology involving colloid chemistry. Natural (including water) and renewable materials content is superior to 96%.

#### Application

Secoia 4400 is an excellent binder for low VOC mat, sheen or satin applications, but also for gloss trim paints. Compared to conventional bio based alkyd emulsions containing external emulsifiers, hardness development is much faster, early tack after 24 hours lower, and yellowing with time, especially in darkness, is limited. Formulating with Secoia 4400 doesn't require any drier addition. VOC/ sVOC levels are very low. One shall be careful with the addition of thickeners, as the reactivity of Secoia 4400 is very high!

#### Specification

|  |                             |
|--|-----------------------------|
| Solids content, %  | 48-50                       |
| Appearance   | white to slightly yellowish |
| pH   | 8 – 10                      |
| Brookfield viscosity, mPas<br>(RVDV-I, 100 rpm, spindle 2) | < 500                       |

#### Characteristics of the dispersion

|                                     |           |
|-------------------------------------|-----------|
| Stabilization                       | colloidal |
| Particle size distribution, nm      | 150 - 250 |
| Specific gravity, g/cm <sup>3</sup> | appr. 1   |

---

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 4400 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 temperatures lower than 5°C or 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.

### **Contact Ecoat**

|           |   |
|-----------|---|
| Supplier  | Ecoat S.A.S.                                |
| Adresse   | ZI Bois de Grasse – 1, avenue Louison Bobet |
| Post Code | 06130 Grasse - France                       |
| Phone     | +33 4 93 40 74 54                           |
| Fax       | + 33 9 71 70 58 32                          |
| E-Mail    | contact@ecoat.fr                            |
| Website   | www.ecoat.fr                                |

Version June 2016 • Secoia 4400 • © Ecoat

---

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.

---