



## TECHNICAL DATA SHEET

### Setaqua B B 130

A non-saponifiable polymer resin [46-4130]

#### General description:

Setaqua B B 130 is a non-saponifiable polymer dispersion which dries by oxidation. Setaqua B B 130 has been developed for the formulation of fast-drying industrial anti-corrosion primers and one-coat finishes. The films are characterized by good anti-corrosion properties, water resistance and adhesion on non-ferrous metals and various plastics. However, they are not weather stable or resistant to yellowing and the use of water-emulsifiable driers is recommended. Setaqua B B 130 contains no organic co-solvents and has good shear stability, below 104°F. However, the drier must be added before the pigments.

#### Technical features:

1. No organic co-solvent
2. Good adhesion to non-ferrous metals and various plastics
3. Good anti-corrosion properties

#### Suggested uses:

1. Aqueous air- and force-drying coatings, especially primers, one-coat matt finishes and adhesion primers

**Delivery form:** 30% n.v. in DI water, neutralized with 0.5% ammonia and 0.3% triethylamine

#### Typical properties:

Property	Value	Units	Method *
Non-volatile, by weight.	30 ± 2	%	DIN EN ISO 3251
Viscosity, (23°C):	2300 ± 700	mPa.s	DIN EN ISO 3219/A.3
Acid value (as such)	22.5 ± 3	mg KOH/g	DIN EN ISO 2114
pH (thinned 2:1 with DI water)	8.8 ± 0.3		DIN ISO 976

\* SDM: Nuplex Resins methods of determination (available on request)

Density, at 20°C: 8.33 lbs./gal

Mean particle size: < 200 nm

Non-volatile, by vol.: 30.0%

Appearance, as supplied: turbid, brownish

*On the DSL Inventory*

**Stability:** stable for 6 months when stored in originally sealed containers at temperatures above 32°F or below 90°F. **NOTE:** *The product is sensitive to frost. Freezing will damage the product irreversibly. Prolonged storage at higher temperatures may result in a decrease of viscosity and/or an increase of the average particle size, possibly resulting in sedimentation or coagulation. Contamination with certain bacteria, fungi or algae may render the product unstable.*

**Updated:** December, 2012

All information, recommendations and suggestions, concerning the product and its use, are believed to be reliable. However, Nuplex Resins gives no assurance as to the accuracy, completeness, or adequacy for a particular purpose. It is the user's responsibility to determine the suitability for its own use of the products. No guarantee (whether expressed or implied) is made by Nuplex Resins as to the results to be obtained from using the described products, nor shall Nuplex Resins be liable for any use by others of the described products. Users are responsible for ensuring compliance with local legislation and obtaining the necessary certifications and authorizations. All orders are subject to the general conditions of sale of Nuplex Resins, which are printed overleaf and/or can be downloaded from [www.nuplexresins.com](http://www.nuplexresins.com). All of user's general terms and conditions are herewith deemed rejected. Nuplex Resins owns all copyrights and other intellectual property rights in the contents of this document. Reproduction or redistribution in any form is not allowed.