



TECHNICAL DATA SHEET

PRELIMINARY

SETAQUA 6450

An acrylic copolymer emulsion (37-3350)

General description:

SETAQUA 6450 is an acrylic copolymer emulsion that is suitable for low VOC industrial air dry enamels and maintenance primers. Coatings formulated with SETAQUA 6450 exhibit excellent adhesion properties, exterior durability and good stain and water resistance. In addition, SETAQUA 6450 is designed to offer good mechanical stability and suitability as a grinding vehicle for several pigments types and dispersion methods.

Technical features:

1. High gloss, 50 g/l VOC enamels are possible
2. Excellent adhesion to metal and wood substrates
3. Good water and stain resistance
4. Mechanical stability
5. Fast dry

Suggested uses:

1. Topcoats and enamels
2. Durable primers and surfacers for metal
3. Clear maintenance coatings

Delivery form: 41% non-volatile in demineralized water / ammonia Ratio: 99.7 / 0.3 pbw

Typical properties:

Property	Value	Units	Method *
Non-volatiles, by weight	41.0 ± 1.0	%	1 – 1
Viscosity (77°F), Brookfield	100 maximum	cps	2 – 2
pH value	7.0 – 8.0		8 – 1

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

Density: 8.60 ± 0.10 lb/gal
MFFT: 25°C
Particle size:: 90nm
Non-volatiles, by vol.: 39.2%

On DSL Inventory

Updated: June, 2011

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. 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.