



## TECHNICAL DATA SHEET

### Setal D RD 181 X

A polyester polyol [26-4181]

#### General description:

Setal D RD 181 X is a polyester polyol that is used as a co-reactant with aliphatic or aliphatic/aromatic polyisocyanates in the formulation of two-component polyurethane coatings.

#### Technical features:

1. Good weather stability
2. Excellent flexibility

#### Suggested uses:

1. 2K polyurethane coatings for wood, such as boats and parquet flooring

**Delivery form:** 75% non-volatile in xylene

#### Typical properties:

Property	Value	Units	Method *
Non-volatile, by weight	75.0 ± 1.0	%	DIN EN ISO 3251
Viscosity (23°C)	7500 ± 1500	mPa s	DIN EN ISO 3219/A
Acid value (as such)	12 maximum	mg KOH/g	DIN EN ISO 2114
Color	150 maximum	Hazen	DIN EN 1557
Hydroxyl content, as supplied	3.3 to 4.1	%	DIN 53 240/2

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

Density, at 20°C:	9.00 lbs./gal	HEW, as supplied:	460
Flash point:	28°C		
Non-volatiles, by vol.:	68.9%		
Water content:	≤0.1%		

*On DSL Inventory*

**Stability:** when stored in originally sealed containers at temperatures not exceeding 90°F, the product will remain stable for 12 months.

**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.